

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F.	01-VZJ-50087436 053	20.10.2022	(day/mo/yr)

### Genehmigungsinhaber *License Holder*

Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

### Fertigungsstätte *Manufacturing Plant*

Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

### Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

Max. system voltage (Up to 1000VDC)

With ½ cut of mono c-Si cells:

JKMxxxN-72HL4R (xxx=485-600, in steps of 5, 144 cells)  
JKMxxxN-60HL4R (xxx=405-500, in steps of 5, 120 cells)  
JKMxxxN-54HL4R (xxx=365-455, in steps of 5, 108 cells)  
JKMxxxN-54HL4R-B (xxx=380-450, in steps of 5, 108 cells)  
JKMxxxN-78HL4 (xxx=570-625, in steps of 5, 156 cells)  
JKMSxxxM-6RL3-MX3 (xxx=360-415, in steps of 5, 132 cells)  
JKMSxxxN-6RL3-MX3 (xxx=360-420, in steps of 5, 132 cells)  
JKMSxxxN-6TL3-MX3 (xxx=335-390, in steps of 5, 120 cells)  
JKMSxxxM-6RL3-B-MX3 (xxx=360-405, in steps of 5, 132 cells)  
JKMSxxxN-6RL3-B-MX3 (xxx=360-425, in steps of 5, 132 cells)  
JKMSxxxN-6TL3-B-MX3 (xxx=320-385, in steps of 5, 120 cells)  
JKxxxM-66R5-MW (xxx=630-665, in steps of 5, 132 cells)  
JKxxxM-66H5-MW (xxx=635-670, in steps of 5, 132 cells)  
JKMxxxM-36H (xxx=195-205, in steps of 5, 72 cells)

Continued on Page 0002

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

Dipl.-Ing. Matthias Grzam



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0002

**Ihr Zeichen Client Reference**      **Unser Zeichen Our Reference**      **Ausstellungsdatum Date of Issue**  
L.L.F.      01-VZJ-50087436 053      20.10.2022      (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



## Geprüft nach Tested acc. to

IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
www.tuv.com  
ID 1419053422

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0001

MMxxx-72HLD-MB (xxx=475-570, in steps of 5, 144 cells)  
MMxxx-66HLD-MB (xxx=440-505, in steps of 5, 132 cells)  
MMxxx-60HLD-MB (xxx=400-470, in steps of 5, 120 cells)  
MMxxx-54HLD-MB (xxx=360-420, in steps of 5, 108 cells)  
MMxxx-7RLD-MB (xxx=535-590, in steps of 5, 156 cells)  
MMxxx-7TLD-MB (xxx=495-540, in steps of 5, 144 cells)  
MMxxx-6RLD-MB (xxx=455-495, in steps of 5, 132 cells)  
MMxxx-6TLD-MB (xxx=415-450, in steps of 5, 120 cells)  
MMxxx-5RLD-MB (xxx=375-405, in steps of 5, 108 cells)  
MNxxx-72HLD-MB (xxx=485-555, in steps of 5, 144 cells)  
MNxxx-66HLD-MB (xxx=445-505, in steps of 5, 132 cells)  
MNxxx-60HLD-MB (xxx=405-460, in steps of 5, 120 cells)  
MNxxx-54HLD-MB (xxx=365-415, in steps of 5, 108 cells)

Continued on Page 0003

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

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**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0003

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022

**Date of Issue**  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
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334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0002

- MNxxx-6TLD-MB (xxx=415-450, in steps of 5, 120 cells)
  - MNxxx-7RLD-MB (xxx=535-590, in steps of 5, 156 cells)
  - MNxxx-7TLD-MB (xxx=495-540, in steps of 5, 144 cells)
  - MNxxx-6RLD-MB (xxx=455-495, in steps of 5, 132 cells)
  - MNxxx-5RLD-MB (xxx=375-405, in steps of 5, 108 cells)
  - MMxxx-7RLC-MB, SMMxxx-7RLC-MB-TI  
(xxx=430-475, in steps of 5, 156 cells)
  - MMxxx-6RLC-MB, SMMxxx-6RLC-MB-TI  
(xxx=360-400, in steps of 5, 132 cells)
  - MMxxx-6TLC-MB, SMMxxx-6TLC-MB-TI  
(xxx=335-365, in steps of 5, 120 cells)
  - MMxxx-72HLA-BB (xxx=375-425, in steps of 5, 144 cells)
  - MMxxx-60HLA-BB (xxx=315-355, in steps of 5, 120 cells)
- Continued on Page 0004

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
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http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

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Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0004

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0003

JKMxxxN-48H-MBB-B (xxx=255-265, in steps of 5, 96 cells)  
JKMxxxN-32H-MBB-B (xxx=170-175, in steps of 5, 64 cells)  
JKMxxxN-72HL3-MBB-B (xxx=400-445, in steps of 5, 144 cells)  
JKMxxxN-60HL3-MBB-B (xxx=330-370, in steps of 5, 120 cells)  
JKMxxxN-48HL3-MBB-B (xxx=270-295, in steps of 5, 96 cells)  
JKMxxxN-32HL3-MBB-B (xxx=180-195, in steps of 5, 64 cells)  
JKMSxxxM-78H-MBB-MX3  
(xxx=440-465, in steps of 5, 156 cells)  
JKMSxxxM-66H-MBB-MX3  
(xxx=370-390, in steps of 5, 132 cells)  
JKMSxxxM-72H-MBB-MX3  
(xxx=385-425, in steps of 5, 144 cells)  
JKMSxxxM-60H-MBB-MX3  
(xxx=320-355, in steps of 5, 120 cells)  
Continued on Page 0005

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Dipl.-Ing. Matthias Grzam



# Zertifikat

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**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0005

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0004

JKMxxxM-72HLM-B, JKMSxxxM-72HLM-B-MX3  
(xxx=415-445, in steps of 5, 144 cells)

JKMxxxM-60HLM-B, JKMSxxxM-60HLM-B-MX3  
(xxx=350-370, in steps of 5, 120 cells)

JKMSxxxM-6TL3-MX3  
(xxx=335-380, in steps of 5, 120 cells)

JKMSxxxM-6TL3-B-MX3  
(xxx=320-365, in steps of 5, 120 cells)

JKMxxxM-72HL4-B (xxx=510-535, in steps of 5, 144 cells)

KMxxxM-66HL4-B (xxx=465-490, in steps of 5, 132 cells)

JKMxxxM-60HL4-B (xxx=425-445, in steps of 5, 120 cells)

JKMxxxM-54HL4-B (xxx=380-405, in steps of 5, 108 cells)

JKMxxxN-72HL4 (xxx=485-600, in steps of 5, 144 cells)

JKMxxxN-66HL4 (xxx=445-525, in steps of 5, 132 cells)

JKMxxxN-60HL4 (xxx=405-500, in steps of 5, 120 cells)

JKMxxxN-54HL4 (xxx=365-455, in steps of 5, 108 cells)

Continued on Page 0006

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

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Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0006

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0005

- JKMxxxN-7RL4 (xxx=535-590, in steps of 5, 156 cells)
- JKMxxxN-7TL4 (xxx=495-570, in steps of 5, 144 cells)
- JKMxxxN-6RL4 (xxx=455-495, in steps of 5, 132 cells)
- JKMxxxN-6TL4 (xxx=415-450, in steps of 5, 120 cells)
- JKMxxxN-5RL4 (xxx=375-460, in steps of 5, 108 cells)
- JKMxxxN-72HL4-B (xxx=510-535, in steps of 5, 144 cells)
- JKMxxxN-66HL4-B (xxx=465-490, in steps of 5, 132 cells)
- JKMxxxN-60HL4-B (xxx=425-470, in steps of 5, 120 cells)
- JKMxxxN-54HL4-B (xxx=380-450, in steps of 5, 108 cells)
- JKMxxxM-7RL4-B (xxx=540-575, in steps of 5, 156 cells)
- JKMxxxM-7TL4-B (xxx=495-530, in steps of 5, 144 cells)
- JKMxxxM-6RL4-B (xxx=455-485, in steps of 5, 132 cells)
- JKMxxxM-6TL4-B (xxx=415-440, in steps of 5, 120 cells)
- JKMxxxM-5RL4-B (xxx=375-395, in steps of 5, 108 cells)

Continued on Page 0007

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

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# Zertifikat

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**Zertifikat Nr. Certificate No.**  
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**Blatt Sheet**  
0007

**Ihr Zeichen Client Reference**  
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**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
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**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
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334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



## Geprüft nach Tested acc. to

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0006

JKMxxxN-7RL4-B (xxx=540-575, in steps of 5, 156 cells)  
JKMxxxN-7TL4-B (xxx=495-530, in steps of 5, 144 cells)  
JKMxxxN-6RL4-B (xxx=455-485, in steps of 5, 132 cells)  
JKMxxxN-6TL4-B (xxx=415-440, in steps of 5, 120 cells)  
JKMxxxN-5RL4-B (xxx=375-455, in steps of 5, 108 cells)  
MMxxx-72HLA-MB-MBB, SMMxxx-72HLA-MB-MBB-TI  
(xxx=385-425, in steps of 5, 144 cells)  
MMxxx-60HLA-MB-MBB, SMMxxx-60HLA-MB-MBB-TI  
(xxx=320-355, in steps of 5, 120 cells)  
MMxxx-7RLC-AB, SMMxxx-7RLC-AB-TI  
(xxx=425-480, in steps of 5, 156 cells)  
MMxxx-6RLC-AB, SMMxxx-6RLC-AB-TI  
(xxx=360-405, in steps of 5, 132 cells)  
MMxxx-6TLC-AB, SMMxxx-6TLC-AB-TI  
(xxx=320-365, in steps of 5, 120 cells)  
Continued on Page 0008

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
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**Zertifizierungsstelle**

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Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
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Jinko Solar Co., Ltd.  
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Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
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## Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1419053422

## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0007

MMxxx-78HLA-MB-MBB

(xxx=440-465, in steps of 5, 156 cells)

MMxxx-66HLA-MB-MBB

(xxx=370-390, in steps of 5, 132 cells)

MNxxx-7RLC-MB, SMNxxx-7RLC-MB-TI

(xxx=430-490, in steps of 5, 156 cells)

MNxxx-6RLC-MB, SMNxxx-6RLC-MB-TI

(xxx=360-410, in steps of 5, 132 cells)

MNxxx-6TLC-MB, SMNxxx-6TLC-MB-TI

(xxx=335-375, in steps of 5, 120 cells)

MNxxx-72HLA-MB-MBB, SMNxxx-72HLA-MB-MBB-TI

(xxx=385-425, in steps of 5, 144 cells)

MNxxx-60HLA-MB-MBB, SMNxxx-60HLA-MB-MBB-TI

(xxx=320-350, in steps of 5, 120 cells)

Continued on Page 0009

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
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Zertifizierungsstelle

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Dipl.-Ing. Matthias Grzam



# Zertifikat

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**Zertifikat Nr. Certificate No.**  
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**Blatt Sheet**  
0009

**Ihr Zeichen Client Reference**  
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P.R. China

**Fertigungsstätte Manufacturing Plant**  
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**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

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- IEC 61215-1-1:2016
- IEC 61215-2:2016
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- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0008  
MNxxx-7RLC-AB, SMNxxx-7RLC-AB-TI  
(xxx=425-480, in steps of 5, 156 cells)  
MNxxx-6RLC-AB, SMNxxx-6RLC-AB-TI  
(xxx=360-405, in steps of 5, 132 cells)  
MNxxx-6TLC-AB, SMNxxx-6TLC-AB-TI  
(xxx=320-365, in steps of 5, 120 cells)  
MNxxx-72HLA-AB-MBB, SMNxxx-72HLA-AB-MBB-TI  
(xxx=380-400, in steps of 5, 144 cells)  
MNxxx-60HLA-AB-MBB, SMNxxx-60HLA-AB-MBB-TI  
(xxx=315-330, in steps of 5, 120 cells)  
MMxxx-72HLM-MB  
(xxx=420-465, in steps of 5, 144 cells)  
MMxxx-60HLM-MB  
(xxx=350-385, in steps of 5, 120 cells)  
Continued on Page 0010

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0010

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0009

JKMxxxM-78H-MBB (xxx=440-465, in steps of 5, 156 cells)

JKMxxxM-66H-MBB (xxx=370-390, in steps of 5, 132 cells)

JKMxxxM-72HL4, JKMxxxM-72HL4-J

(xxx=475-570, in steps of 5, 144 cells)

JKMxxxM-66HL4 (xxx=440-505, in steps of 5, 132 cells)

JKMxxxM-60HL4 (xxx=400-470, in steps of 5, 120 cells)

JKMxxxM-54HL4 (xxx=360-420, in steps of 5, 108 cells)

JKMxxxM-7RL4, JKMxxxM-7RL4-J

(xxx=535-590, in steps of 5, 156 cells)

JKMxxxM-7TL4, JKMxxxM-7TL4-J

(xxx=495-570, in steps of 5, 144 cells)

JKMxxxM-6RL4 (xxx=455-495, in steps of 5, 132 cells)

JKMxxxM-6TL4 (xxx=415-450, in steps of 5, 120 cells)

JKMxxxM-5RL4 (xxx=375-405, in steps of 5, 108 cells)

Continued on Page 0011

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

Dipl.-Ing. Matthias Grzam

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0011

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0010  
MMxxx-72HLA-MB; MMxxx-72HLA-AB;  
SMMxxx-72HLA-MB-TI; SMMxxx-72HLA-AB-TI  
(xxx=335-425, in steps of 5, 144 cells)  
MMxxx-60HLA-MB; MMxxx-60HLA-AB;  
SMMxxx-60HLA-MB-TI; SMMxxx-60HLA-AB-TI  
(xxx=270-350, in steps of 5, 120 cells)  
SMMxxx-72HLA-MB-MX3; SMMxxx-72HLA-AB-MX3  
(xxx=335-395, in steps of 5, 144 cells)  
SMMxxx-60HLA-MB-MX3; SMMxxx-60HLA-AB-MX3  
(xxx=270-340, in steps of 5, 120 cells)  
MMxxx-78HLA-MB; SMMxxx-78HLA-MB-TI  
(xxx=405-465, in steps of 5, 156 cells)  
MMxxx-78HLA-AB; SMMxxx-78HLA-AB-TI  
(xxx=405-435, in steps of 5, 156 cells)  
Continued on Page 0012

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0012

Ihr Zeichen *Client Reference*  
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Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
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Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
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Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:  
In Continuation of Page 0011  
MMxxx-66HLA-MB; SMMxxx-66HLA-MB-TI  
(xxx=340-390, in steps of 5, 132 cells)  
MMxxx-66HLA-AB; SMMxxx-66HLA-AB-TI  
(xxx=340-365, in steps of 5, 132 cells)  
JKMxxxN-6TL3-B; JKMSxxxN-6TL3-B-TI  
(xxx=320-385, in steps of 5, 120 cells)  
JKMxxxM-6TL3-B; JKMSxxxM-6TL3-B-TI  
(xxx=320-365, in steps of 5, 120 cells)  
JKMxxxM-78H; JKMSxxxM-78H-TI  
(xxx=450-465, in steps of 5, 156 cells)  
JKMxxxM-66H; JKMSxxxM-66H-TI  
(xxx=380-390, in steps of 5, 132 cells)  
JKMxxxN-7RL3-B; JKMSxxxN-7RL3-B-TI  
(xxx=455-480, in steps of 5, 156 cells)  
Continued on Page 0013

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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Zertifizierungsstelle

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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Fax: +49 221 806-3935



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0013

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
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Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0012

JKMxxxN-6RL3-B; JKMSxxxN-6RL3-B-TI  
(xxx=360-425, in steps of 5, 132 cells)  
JKMxxxM-7RL3-B; JKMSxxxM-7RL3-B-TI  
(xxx=455-480, in steps of 5, 156 cells)  
JKMxxxM-6RL3-B; JKMSxxxM-6RL3-B-TI  
(xxx=385-405, in steps of 5, 132 cells)  
JKMxxxM-72HLM; JKMSxxxM-72HLM-MX3  
(xxx=420-465, in steps of 5, 144 cells)  
JKMxxxM-60HLM; JKMSxxxM-60HLM-MX3  
(xxx=350-385, in steps of 5, 120 cells)  
JKMxxxM-72HB; JKMSxxxM-72HBL  
(xxx=335-425, in steps of 5, 144 cells)  
JKMxxxM-60HB; JKMSxxxM-60HBL  
(xxx=270-350, in steps of 5, 120 cells)  
Continued on Page 0014

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
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Zertifizierungsstelle

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Dipl.-Ing. Matthias Grzam



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0014

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
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Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1419053422

**Geprüft nach Tested acc. to**

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0013

JKMxxxM-72H-T; JKMxxxM-72HL-T

(xxx=375-425, in steps of 5, 144 cells)

JKMxxxM-60H-T; JKMxxxM-60HL-T

(xxx=315-355, in steps of 5, 120 cells)

JKMxxxN-72H-T; JKMxxxN-72HL-T

(xxx=375-425, in steps of 5, 144 cells)

JKMxxxN-60H-T; JKMxxxN-60HL-T

(xxx=315-355, in steps of 5, 120 cells)

JKMxxxM-72H-MBB (xxx=385-425, in steps of 5, 144 cells)

JKMxxxM-60H-MBB (xxx=320-355, in steps of 5, 120 cells)

JKMSxxxM-72H-MX3; JKMSxxxM-72HB-MX3;

JKMSxxxM-72HL-MX3; JKMSxxxM-72HBL-MX3

(xxx=335-395, in steps of 5, 144 cells)

Continued on Page 0015

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com

Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0015

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0014  
JKMSxxxM-60H-MX3; JKMSxxxM-60HB-MX3;  
JKMSxxxM-60HL-MX3; JKMSxxxM-60HBL-MX3  
(xxx=270-340, in steps of 5, 120 cells)  
JKMxxxM-72H; JKMxxxM-72HL  
(xxx=335-425, in steps of 5, 144 cells)  
JKMxxxM-60H; JKMxxxM-60HL  
(xxx=270-350, in steps of 5, 120 cells)  
JKMxxxM-72H-MBB-T;  
(xxx=385-405, in steps of 5, 144 cells)  
JKMxxxM-60H-MBB-T;  
(xxx=320-335, in steps of 5, 120 cells)  
JKMxxxN-72H-MBB-T;  
(xxx=390-420, in steps of 5, 144 cells)  
JKMxxxN-60H-MBB-T;  
(xxx=330-350, in steps of 5, 120 cells)  
Continued on Page 0016

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

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Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0016

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0015  
JKSM3-DFCA-xxx;  
(xxx=400-440, in steps of 5, 156 cells)  
JKSM3-CFCA-xxx;  
(xxx=335-370, in steps of 5, 132 cells)  
JKSM3-DHCA-xxx;  
(xxx=400-450, in steps of 5, 156 cells)  
JKSM3-CHCA-xxx;  
(xxx=340-380, in steps of 5, 132 cells)  
JKSN3-DHCA-xxx;  
(xxx=410-440, in steps of 5, 156 cells)  
JKSN3-CHCA-xxx;  
(xxx=345-370, in steps of 5, 132 cells)

Continued on Page 0017

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
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**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0017

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022  
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Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
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Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0016

JKMxxxM-78H (xxx=405-445, in steps of 5, 156 cells)  
JKMxxxM-66H (xxx=340-375, in steps of 5, 132 cells)  
JKMxxxM-78HB (xxx=405-435, in steps of 5, 156 cells)  
JKMxxxM-66HB (xxx=340-365, in steps of 5, 132 cells)  
JKMxxxM-78H-T (xxx=405-455, in steps of 5, 156 cells)  
JKMxxxM-66H-T (xxx=340-385, in steps of 5, 132 cells)  
JKMxxxN-78H-T (xxx=410-460, in steps of 5, 156 cells)  
JKMxxxN-66H-T (xxx=345-385, in steps of 5, 132 cells)  
JKMxxxM-7RL3; JKMxxxM-7RL3-J  
(xxx=430-495, in steps of 5, 156 cells)  
JKMxxxM-6RL3; JKMxxxM-6RL3-J  
(xxx=360-415, in steps of 5, 132 cells)  
JKMxxxN-7RL3; JKMxxxN-7RL3-J  
(xxx=430-500, in steps of 5, 156 cells)  
JKMxxxN-6RL3; JKMxxxN-6RL3-J  
(xxx=360-420, in steps of 5, 132 cells)  
Continued on Page 0018

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
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Zertifizierungsstelle

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# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0018

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

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**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:

In Continuation of Page 0017

JKMxxxM-7RL3-T; JKMxxxM-7RL3-T-J  
(xxx=420-475, in steps of 5, 156 cells)

JKMxxxM-6RL3-T; JKMxxxM-6RL3-T-J  
(xxx=355-400, in steps of 5, 132 cells)

JKMxxxN-7RL3-T; JKMxxxN-7RL3-T-J  
(xxx=425-475, in steps of 5, 156 cells)

JKMxxxN-6RL3-T; JKMxxxN-6RL3-T-J  
(xxx=355-400, in steps of 5, 132 cells)

JKMxxxN-72H-MBB (xxx=385-425, in steps of 5, 144 cells)

JKMxxxN-60H-MBB (xxx=320-350, in steps of 5, 120 cells)

JKMxxxM-7RL3-B (xxx=425-450, in steps of 5, 156 cells)

JKMxxxM-6RL3-B (xxx=360-380, in steps of 5, 132 cells)

JKMxxxN-7RL3-B (xxx=425-450, in steps of 5, 156 cells)

Continued on Page 0019

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0019

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Type Designations:  
In Continuation of Page 0018  
JKMxxxM-72HL-T-Q (xxx=375-425, in steps of 5, 144 cells)  
JKMxxxM-60HL-T-Q (xxx=315-355, in steps of 5, 120 cells)  
JKMxxxM-72HL-Q; JKMSxxxM-72HBL-Q  
(xxx=335-425, in steps of 5, 144 cells)  
JKMxxxM-60HL-Q; JKMSxxxM-60HBL-Q  
(xxx=270-350, in steps of 5, 120 cells)  
JKMSxxxM-72HL-MX3-Q; JKMSxxxM-72HBL-MX3-Q  
(xxx=335-395, in steps of 5, 144 cells)  
JKMSxxxM-60HL-MX3-Q; JKMSxxxM-60HBL-MX3-Q  
(xxx=270-340, in steps of 5, 120 cells)  
JKMSxxxM-72H-TI; JKMSxxxM-72HL-TI;  
JKMSxxxM-72HB-TI; JKMSxxxM-72HBL-TI  
(xxx=335-425, in steps of 5, 144 cells)  
Continued on Page 0020

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0020

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0019  
JKMSxxxM-60H-TI; JKMSxxxM-60HL-TI;  
JKMSxxxM-60HB-TI; JKMSxxxM-60HBL-TI  
(xxx=270-350, in steps of 5, 120 cells)  
JKMSxxxM-72HL-TI-Q; JKMSxxxM-72HBL-TI-Q  
(xxx=335-425, in steps of 5, 144 cells)  
JKMSxxxM-60HL-TI-Q; JKMSxxxM-60HBL-TI-Q  
(xxx=270-350, in steps of 5, 120 cells)  
JKMSxxxM-72H-MBB-TI  
(xxx=385-425, in steps of 5, 144 cells)  
JKMSxxxM-60H-MBB-TI  
(xxx=320-355, in steps of 5, 120 cells)

Continued on Page 0021

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0021

Ihr Zeichen *Client Reference*      Unser Zeichen *Our Reference*      Ausstellungsdatum *Date of Issue*  
L.L.F.      01-VZJ-50087436 053      20.10.2022      (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0020

JKMSxxxM-78H-TI (xxx=405-445, in steps of 5, 156 cells)  
JKMSxxxM-66H-TI (xxx=340-375, in steps of 5, 132 cells)  
JKMSxxxM-78HB-TI (xxx=405-435, in steps of 5, 156 cells)  
JKMSxxxM-66HB-TI (xxx=340-365, in steps of 5, 132 cells)  
JKMSxxxM-7RL3-TI (xxx=430-495, in steps of 5, 156 cells)  
JKMSxxxM-6RL3-TI (xxx=360-415, in steps of 5, 132 cells)  
JKMSxxxM-6TL3-TI (xxx=335-380, in steps of 5, 120 cells)  
JKMSxxxN-7RL3-TI (xxx=430-500, in steps of 5, 156 cells)  
JKMSxxxN-6RL3-TI (xxx=360-420, in steps of 5, 132 cells)  
JKMSxxxN-6TL3-TI (xxx=335-390, in steps of 5, 120 cells)  
JKMSxxxN-72H-MBB-TI (xxx=385-425, in steps of 5, 144 cells)  
JKMSxxxN-60H-MBB-TI (xxx=320-350, in steps of 5, 120 cells)  
Continued on Page 0022

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
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Zertifizierungsstelle

Dipl.-Ing. Matthias Grzam

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0022

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022

*(day/mo/yr)*

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type Designations:

In Continuation of Page 0021

JKMSxxxM-7RL3-B-TI (xxx=425-450, in steps of 5, 156 cells)  
JKMSxxxM-6RL3-B-TI (xxx=360-380, in steps of 5, 132 cells)  
JKMSxxxN-7RL3-B-TI (xxx=425-450, in steps of 5, 156 cells)  
JKMSxxxN-72H-MBB-B-TI  
(xxx=380-400, in steps of 5, 144 cells)  
JKMSxxxN-60H-MBB-B-TI  
(xxx=315-330, in steps of 5, 120 cells)  
JKMxxxM-6TL3 (xxx=335-380, in steps of 5, 120 cells)  
JKMxxxN-6TL3 (xxx=335-390, in steps of 5, 120 cells)  
JKMxxxM-6TL3-T (xxx=325-365, in steps of 5, 120 cells)  
JKMxxxN-6TL3-T (xxx=325-365, in steps of 5, 120 cells)  
JKMxxxN-72H-MBB-B (xxx=380-400, in steps of 5, 144 cells)  
JKMxxxN-60H-MBB-B (xxx=315-330, in steps of 5, 120 cells)  
JKMxxxM-72HL-T-Q (xxx=375-425, in steps of 5, 144 cells)  
JKMxxxM-60HL-T-Q (xxx=315-355, in steps of 5, 120 cells)  
Continued on Page 0023

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

Dipl.-Ing. Matthias Grzam



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0023

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022

*(day/mo/yr)*

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Type Designations:  
In Continuation of Page 0022  
With ½ cut of 6" poly c-Si cells:  
JKMxxxPP-72HB (xxx=330-380, in steps of 5, 144 cells)  
JKMxxxPP-60HB (xxx=260-315, in steps of 5, 120 cells)  
JKMSxxxPP-72H-MX3; JKMSxxxPP-72HB-MX3;  
JKMSxxxPP-72HL-MX3; JKMSxxxPP-72HBL-MX3  
(xxx=330-380, in steps of 5, 144 cells)  
JKMSxxxPP-60H-MX3; JKMSxxxPP-60HB-MX3;  
JKMSxxxPP-60HL-MX3; JKMSxxxPP-60HBL-MX3  
(xxx=260-315, in steps of 5, 120 cells)  
JKMxxxPP-72H; (xxx=330-380, in steps of 5, 144 cells)  
JKMxxxPP-60H; (xxx=260-315, in steps of 5, 120 cells)

Continued on Page 0024

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0024

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0023  
With 6" mono c-Si cells:  
JKMxxxM-72; JKMSxxxM-72 (Plus); JKMSxxxM-72L;  
JKMSxxxM-72; JKMSxxxM-72-J  
(xxx=335-410, in steps of 5, 72 cells)  
JKMxxxM-60; JKMSxxxM-60 (Plus); JKMSxxxM-60L;  
JKMSxxxM-60; JKMSxxxM-60-J  
(xxx=270-340, in steps of 5, 60 cells)  
JKMxxxM-72B, JKMSxxxM-72BL  
(xxx=335-410, in steps of 5, 72 cells)  
JKMxxxM-60B; JKMSxxxM-60BL  
(xxx=270-340, in steps of 5, 60 cells)  
JKMSxxxM-72-MX3; JKMSxxxM-72B-MX3;  
JKMSxxxM-72L-MX3; JKMSxxxM-72BL-MX3  
(xxx=335-395, in steps of 5, 72 cells)  
Continued on Page 0025

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0025

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022

*(day/mo/yr)*

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

Type Designations:  
In Continuation of Page 0024  
JKMSxxxM-60-MX3; JKMSxxxM-60B-MX3;  
JKMSxxxM-60L-MX3; JKMSxxxM-60BL-MX3  
(xxx=270-340, in steps of 5, 60 cells)  
JKMSxxxM-72-TI; JKMSxxxM-72L-TI;  
JKMSxxxM-72B-TI; JKMSxxxM-72BL-TI  
(xxx=335-410, in steps of 5, 72 cells)  
JKMSxxxM-60-TI; JKMSxxxM-60L-TI;  
JKMSxxxM-60B-TI; JKMSxxxM-60BL-TI  
(xxx=270-340, in steps of 5, 60 cells)  
MMxxx-72LA-MB; MMxxx-72LA-AB; SMMxxx-72LA-MB;  
SMMxxx-72LA-MB-TI; SMMxxx-72LA-AB-TI  
(xxx=335-410, in steps of 5, 72 cells)

Continued on Page 0026

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

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http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0026

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0025  
MMxxx-60LA-MB; MMxxx-60LA-AB;  
SMMxxx-60LA-MB-TI; SMMxxx-60LA-AB-TI  
(xxx=270-340, in steps of 5, 60 cells)  
SMMxxx-72LA-MB-MX3; SMMxxx-72LA-AB-MX3  
(xxx=335-395, in steps of 5, 72 cells)  
SMMxxx-60LA-MB-MX3; SMMxxx-60LA-AB-MX3  
(xxx=270-340, in steps of 5, 60 cells)

Continued on Page 0027

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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**Zertifizierungsstelle**

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# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50562149

**Blatt Sheet**  
0027

**Ihr Zeichen Client Reference**  
L.L.F.

**Unser Zeichen Our Reference**  
01-VZJ-50087436 053

**Ausstellungsdatum Date of Issue**  
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**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
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334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Type Designations:  
In Continuation of Page 0026  
With 6" poly c-Si cells:  
JKMxxxPP-72; JKMxxxPP-72 (Plus);  
JKMSxxxPP-72; JKMSxxxPP-72-J;  
(xxx=320-355, in steps of 5, 72 cells)  
JKMxxxPP-60; JKMxxxPP-60 (Plus);  
JKMSxxxPP-60; JKMSxxxPP-60-J;  
(xxx=260-290, in steps of 5, 60 cells)  
JKMxxxPP-72B (xxx=320-355, in steps of 5, 72 cells)  
JKMxxxPP-60B (xxx=260-290, in steps of 5, 60 cells)

Continued on Page 0028

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Dipl.-Ing. Matthias Grzam**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0028

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022

*(day/mo/yr)*

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Type Designations:  
In Continuation of Page 0027  
JKMSxxxPP-72-MX3; JKMSxxxPP-72B-MX3;  
JKMSxxxPP-72L-MX3; JKMSxxxPP-72BL-MX3  
(xxx=320-355, in steps of 5, 72 cells)  
JKMSxxxPP-60-MX3; JKMSxxxPP-60B-MX3;  
JKMSxxxPP-60L-MX3; JKMSxxxPP-60BL-MX3  
(xxx=260-290, in steps of 5, 60 cells)

Remarks:  
Class II acc. to IEC 61140  
Fire Rating: Class C according to UL790.  
Design Load / Safety Factors: 3600 Pa / 1.5 (downward)  
1600 Pa / 1.5 (upward)

Continued on Page 0029

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0029

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 053

Ausstellungsdatum *Date of Issue*  
20.10.2022  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

In Continuation of Page 0028

### Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certificate is valid until 19 October 2027.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



Jinko Solar Co., Ltd.  
Liu Lifang

Date : 17.01.2023  
Our ref. : VZJ 01  
Your ref.: L.L.F.

No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Ref : PV Photovoltaic Modules**

Type of Equipment : PV Module  
Model Designation : See Certificate  
Certificate No. : PV 50562149 0030  
Report No. : 50087436 054

Dear Liu Lifang,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
Dipl.-Ing. Matthias Grzam

cc: Jinko Solar Co., Ltd.

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0030

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 054

Ausstellungsdatum *Date of Issue*  
17.01.2023 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 1 - 29

In addition:

Type Designations:

JKMxxxN-7TL4 (xxx=575-600, in steps of 5, 144 cells)  
JKMxxxN-7TL4R (xxx=495-600, in steps of 5, 144 cells)  
JKMxxxN-72HL4, JKMxxxN-72HL4R  
(xxx=605-615, in steps of 5, 144 cells)  
JKMxxxN-60HL4, JKMxxxN-60HL4R  
(xxx=505-510, in steps of 5, 120 cells)  
JKMxxxM-72HL4, JKMxxxM-72HL4-J  
(xxx=575-585, in steps of 5, 144 cells)  
JKMxxxM-60HL4 (xxx=475-485, in steps of 5, 120 cells)  
JKxxxN-66H5-MW (xxx=630-695, in steps of 5, 132 cells)  
JKMxxxM-54HL4 (xxx=425-430, in steps of 5, 108 cells)  
Continued on Page 31

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

Dipl.-Ing. Matthias Grzam



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50562149

Blatt *Sheet*  
0031

Ihr Zeichen *Client Reference*  
L.L.F.

Unser Zeichen *Our Reference*  
01-VZJ-50087436 054

Ausstellungsdatum *Date of Issue*  
17.01.2023 (day/mo/yr)

**Genehmigungsinhaber *License Holder***

**Fertigungsstätte *Manufacturing Plant***

Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

In Continuation of Page 30

Type Designations:

JKMxxxM-54HL4-B (xxx=410-425, in steps of 5, 108 cells)  
JKMxxxM-5RL4 (xxx=410-435, in steps of 5, 108 cells)  
JKMxxxM-5RL4-B (xxx=400-430, in steps of 5, 108 cells)  
JKMxxxN-78HL4 (xxx=630-650, in steps of 5, 156 cells)  
JKMxxxN-78HL4R (xxx=570-650, in steps of 5, 156 cells)

Remarks:

- Fire Rating: Class C according to UL790.
- Manufacturing Plant update see annex.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

Dipl.-Ing. Matthias Grzam



**Anlage Fertigungsstättenliste**  
**/Attachment List of Factories**



PV 50562149 0001

Anlagenrevision / Annex revision

1

- |   |  |
|---|--|
| <p>1 Jinko Solar (Feidong) Co., Ltd<br/>No. 1, southwest corner of the<br/>intersection of Longxing Avenue and<br/>Shichi Road, Hefei Circular Economy Demonstration<br/>Park<br/>Feidong County, Hefei City,<br/>Anhui<br/>P.R. China</p> <p>3 Jinko Solar(Shangrao)Co., Ltd.<br/>No.1,Yingbin Road, Economic Development Zone,<br/>Shangrao City,<br/>334100 Jiangxi<br/>P.R. China</p> <p>5 Jinko Solar Technology Sdn. Bhd. (P6)<br/>2480, Tingkat Perusahaan Enam,<br/>Perai Free Trade Zone,<br/>13600 Perai, Penang<br/>Malaysia</p> <p>7 Jinko Solar (Chuzhou) Co., Ltd<br/>NO. 18 Liming Road, Lai'an Economic<br/>Development Zone, Chuzhou City,<br/>239200 Anhui<br/>P.R. China</p> | <p>2 LDK SOLAR HIGH-TECH( NANCHANG)<br/>CO., LTD.<br/>No.1699 Tianxiang Road,<br/>Hi-Tech Industrial<br/>Development Zone,<br/>Nanchang<br/>Jiangxi, P.R. China</p> <p>4 Jiangsu Focus Solar Energy Technology<br/>Co., LTD.<br/>No. 66 Lifa Avenue, Development Zone,<br/>Hai'an County,Nantong City,<br/>Jiangsu<br/>P.R. China</p> <p>6 Jinko Solar (U.S.) Industries Inc.<br/>4660 POW-MIA<br/>MEMORIAL PARKWAY, SUITE 200,<br/>JACKSONVILLE, FL 32221<br/>USA</p> <p>8 Jinko Solar (Malaysia) Sdn. Bhd.<br/>Lot 393, Ladang Valdor,<br/>Kawasan Perindustrian Valdor,<br/>14200 Sungai Jawi, Pulau Pinang,<br/>Malaysia</p> |
|---|--|





9 Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road,  
Huangwan Town, Haining City,  
314415 Zhejiang  
P.R. China

10 Jinko Solar Technology Sdn. Bhd.  
No. 1412, Lorong Perusahaan 1,  
Kawasan Perusahaan Perai,  
13600 Pulau Pinang  
Malaysia

11 VIET NAM GREEN ENERGY COMMERCIAL  
SERVICES CO., LTD  
Lot D1-1,Dai Dong-Hoan Son  
Industrialpark, Hoan Son Commune,  
Tien Du District,  
Bac Ninh Province  
Vietnam

12 Zhejiang Jinko Solar Co., Ltd.  
No.58, Yuanxi Road, Yuanhua Town,  
Haining City, Jiaxing City,  
314416 Zhejiang  
P.R. China

13 Jinko Solar Technology Sdn. Bhd. (P5)  
Plot 538 Tingkat Perusahaan 4B,  
Perai Free Trade Zone  
13600 Perai, Penang  
Malaysia

14 Yuhuan Jinkosolar Co., Ltd  
No5. Jinghai Road, Economic development zone,  
Yuhuan City,  
317600 Zhejiang  
P.R. China

15 HT SOLAR VIETNAM LIMITED COMPANY.  
F3 Lot, factory F3-1,F3-2,  
Trang Due Industrial Park,  
An Duong District,A part of Dinh Vu-Cat Hai  
Economic Zone,Hai Phong City,  
Vietnam

16 JINKO SOLAR TECHNOLOGY SDN. BHD.(P3)  
Lot 10085, Plot C & D  
Jalan Perusahaan, Mukim 1  
13600 Seberang Perai Tengah, Penang  
Malaysia





17 Jinko Solar (Yiwu) Co., Ltd  
No. 1555, Chengxin Road,  
Niansanli Street, Yiwu City,  
322013 Zhejiang  
P.R. China

18 Jinko Solar Co., Ltd  
No.1 Jinko Road, Shangrao Economic  
Development Zone,  
334100 Jiangxi  
P.R. China



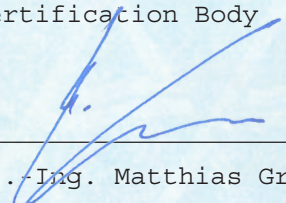
**TÜVRheinland**<sup>®</sup>

Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 20.10.2022



Zertifizierungsstelle  
/ Certification Body



Dipl.-Ing. Matthias Grzam



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-LYM-50173415 001

Ausstellungsdatum *Date of Issue*  
17.09.2018 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Type Designation:

With 6" mono c-Si cells:

JKMxxxM-72-V; JKMxxxM-72(Plus)-V; JKMxxxM-72L-V;  
JKMSxxxM-72-V; JKMSxxxM-72-V-J  
(xxx=335-385, in steps of 5, 72 cells)

JKMxxxM-60-V; JKMxxxM-60(Plus)-V; JKMxxxM-60L-V;  
JKMSxxxM-60-V; JKMSxxxM-60-V-J  
(xxx=270-320, in steps of 5, 60 cells)

With 6" mono half-cut c-Si cells:

JKMxxxM-72H-V; JKMxxxM-72HL-V  
(xxx=335-385, in steps of 5, 144 cells)

JKMxxxM-60H-V; JKMxxxM-60HL-V  
(xxx=270-320, in steps of 5, 120 cells)

With 6" poly c-Si cells:

JKMxxxPP-72-V; JKMxxxPP-72(Plus)-V; JKMSxxxPP-72-V;  
JKMSxxxPP-72-V-J (xxx=320-355, in steps of 5, 72 cells)

JKMxxxPP-60-V; JKMxxxPP-60(Plus)-V; JKMSxxxPP-60-V;  
JKMSxxxPP-60-V-J (xxx=260-290, in steps of 5, 60 cells)

Continued on Page 2

38



38

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-LYM-50173415 001

Ausstellungsdatum *Date of Issue*  
17.09.2018  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Zertifiziertes Produkt (*Geräteidentifikation*)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 1

4

With 6" poly half-cut c-Si cells:

JKMxxxPP-72H-V (xxx=330-380, in steps of 5, 144 cells)

JKMxxxPP-60H-V (xxx=260-315, in steps of 5, 120 cells)

### Remarks:

Class II acc. to IEC 61140

Max. System Voltage: up to 1500 VDC (Voc at STC)

Fire Rating: Class C

Design Load/ Safety Factors: 3600 / 1.5 (downward)  
1600 / 1.5 (upward)

### Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

This certificate is valid until 16 September 2023.



4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0003

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-LYM-50173415 003	28.01.2019	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
www.tuv.com  
ID 1419061546

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

Same as Page 1-2

4

In addition:

Type Designation:

JKMxxxM-72-V; JKMxxxM-72(Plus)-V; JKMxxxM-72L-V;  
JKMSxxxM-72-V; JKMSxxxM-72-V-J  
(xxx=390-410, in steps of 5, 72 cells)  
JKMxxxM-60-V; JKMxxxM-60(Plus)-V; JKMxxxM-60L-V;  
JKMSxxxM-60-V; JKMSxxxM-60-V-J  
(xxx=325-340, in steps of 5, 60 cells)  
JKMxxxM-72H-V; JKMxxxM-72HL-V  
(xxx=390-410, in steps of 5, 144 cells)  
JKMxxxM-60H-V; JKMxxxM-60HL-V  
(xxx=325-340, in steps of 5, 120 cells)

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. D. Löffler



**Zertifikat**

**Certificate**

**Zertifikat Nr. Certificate No.**  
PV 50416412

**Blatt Sheet**  
0004

<b>Ihr Zeichen Client Reference</b>	<b>Unser Zeichen Our Reference</b>	<b>Ausstellungsdatum Date of Issue</b>
L.L.F	01-LND-50173415 005	11.06.2019 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Same as Page 1 - 3

In addition:

Type Designation:

- with 6" mono N type c-Si cells:  
JKMxxxN-72H-TV;JKMxxxN-72HL-TV  
(xxx=375-400, in steps of 5, 144 cells)
- JKMxxxN-60H-TV;JKMxxxN-60HL-TV  
(xxx=315-330 in steps of 5, 120 cells)
- with 6" mono P type c-Si cells:  
JKMxxxM-72H-TV;JKMxxxM-72HL-TV  
(xxx=375-395, in steps of 5, 144 cells)
- JKMxxxM-60H-TV;JKMxxxM-60HL-TV  
(xxx=315-325, in steps of 5, 120 cells)

4

4

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**Dipl.-Ing. D. Löffler**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0005

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LCH-50173415 007	29.07.2019	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1419061546

## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

Same as Page 1 - 4

4

In addition:

Type Designation:

With 6" mono c-Si cells:

JKMSxxxM-72-V-MX3; JKMSxxxM-72B-V-MX3;  
JKMSxxxM-72L-V-MX3; JKMSxxxM-72BL-V-MX3  
(xxx=335-395, in steps of 5, 72 cells)  
JKMSxxxM-60-V-MX3; JKMSxxxM-60B-V-MX3;  
JKMSxxxM-60L-V-MX3; JKMSxxxM-60BL-V-MX3  
(xxx=270-340, in steps of 5, 60 cells)  
JKMSxxxM-72H-V-MX3; JKMSxxxM-72HB-V-MX3;  
JKMSxxxM-72HL-V-MX3; JKMSxxxM-72HBL-V-MX3  
(xxx=335-395, in steps of 5, 144cells)  
JKMSxxxM-60H-V-MX3; JKMSxxxM-60HB-V-MX3;  
JKMSxxxM-60HL-V-MX3; JKMSxxxM-60HBL-V-MX3  
(xxx=270-340, in steps of 5, 120 cells)

Continued on Page 6

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0006

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LCH-50173415 007	29.07.2019	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Continuation of Page 5  
With 6" poly c-Si cells:  
JKMSxxxPP-72-V-MX3; JKMSxxxPP-72B-V-MX3;  
JKMSxxxPP-72L-V-MX3; JKMSxxxPP-72BL-V-MX3  
(xxx=320-355, in steps of 5, 72 cells)  
JKMSxxxPP-60-V-MX3; JKMSxxxPP-60B-V-MX3;  
JKMSxxxPP-60L-V-MX3; JKMSxxxPP-60BL-V-MX3  
(xxx=260-290, in steps of 5, 60 cells)  
JKMSxxxPP-72H-V-MX3; JKMSxxxPP-72HB-V-MX3;  
JKMSxxxPP-72HL-V-MX3; JKMSxxxPP-72HBL-V-MX3  
(xxx=330-380, in steps of 5, 144cells)  
JKMSxxxPP-60H-V-MX3; JKMSxxxPP-60HB-V-MX3;  
JKMSxxxPP-60HL-V-MX3; JKMSxxxPP-60HBL-V-MX3  
(xxx=260-315, in steps of 5, 120 cells)  
Continued on Page 7

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0007

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LCH-50173415 007	29.07.2019	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Continuation of Page 6

4

Remarks:  
Changes:  
Test standard: see above  
Additional manufacturing Plant: See annex.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 <http://www.tuv.com/safety>

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He



**Zertifikat**

**Certificate**

**Zertifikat Nr. Certificate No.**  
PV 50416412

**Blatt Sheet**  
0008

<b>Ihr Zeichen Client Reference</b>	<b>Unser Zeichen Our Reference</b>	<b>Ausstellungsdatum Date of Issue</b>
L.L.F	01-LCH-50173415 008	11.09.2019 <i>(day/mo/yr)</i>

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Same as Page 1 - 7

4

In addition:

Type Designation:

With 1/2 cut of 6" mono c-Si cells:

JKMxxxN-72H-MBB-TV (xxx=390-420, in steps of 5, 144 cells)

JKMxxxN-60H-MBB-TV (xxx=330-350, in steps of 5, 120 cells)

4

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety





# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0009

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-LCH-50173415 010	29.09.2019	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

### PV Module

Same as Page 1 - 8

52

In addition:

Type Designation:

With 1/2 cut of 6" mono c-Si cells:

JKMxxxM-72H-MBB-TV (xxx=385-405, in steps of 5, 144 cells)  
JKMxxxM-60H-MBB-TV (xxx=320-335, in steps of 5, 120 cells)  
JKMxxxM-72H-MBB-V (xxx=385-415, in steps of 5, 144 cells)  
JKMxxxM-60H-MBB-V (xxx=320-345, in steps of 5, 120 cells)  
JKSN3-DCCA-xxx (xxx=410-440, in steps of 5, 156 cells)  
JKSN3-CCCA-xxx (xxx=345-370, in steps of 5, 132 cells)  
JKSM3-DCCA-xxx (xxx=400-425, in steps of 5, 156 cells)  
JKSM3-CCCA-xxx (xxx=340-355, in steps of 5, 132 cells)  
JKSM3-DACA-xxx (xxx=400-440, in steps of 5, 156 cells)  
JKSM3-CACA-xxx (xxx=335-370, in steps of 5, 132 cells)

Remarks:

Additional manufacturing Plant: See annex.

52

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.* PV 50416412  
Blatt *Sheet* 0010

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-LCH-50173415 011	12.10.2019	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as Page 1 - 9

In addition:

Type Designation:

With 1/2 cut of 6" mono c-Si cells:

JKSM3-DCCA-xxx (xxx=430-450, in steps of 5, 156 cells)

JKSM3-CCCA-xxx (xxx=360-380, in steps of 5, 132 cells)

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



**Dipl.-Ing. (FH) Tim Kirschner**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0011

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LCH-50173415 012	06.12.2019	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as Page 1 - 10

In addition:

Type Designation:

With 1/2 cut of 6" mono c-Si cells:

JKMxxxM-72H-V; JKMxxxM-72HL-V

(xxx=415-425, in steps of 5, 144 cells)

JKMxxxM-60H-V; JKMxxxM-60HL-V

(xxx=345-350, in steps of 5, 120 cells)

JKMxxxM-72H-TV; JKMxxxM-72HL-TV

(xxx=400-425, in steps of 5, 144 cells)

JKMxxxM-60H-TV; JKMxxxM-60HL-TV

(xxx=330-355, in steps of 5, 120 cells)

JKMxxxN-72H-TV; JKMxxxN-72HL-TV

(xxx=405-425, in steps of 5, 144 cells)

JKMxxxN-60H-TV; JKMxxxN-60HL-TV

(xxx=335-355, in steps of 5, 120 cells)

Remark:

Fire Rating: Class C according to UL 790

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0012

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/mo/yr)
L.L.F	01-LCH-50173415 014	02.01.2020	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1419061546

## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

Same as Page 1 - 11

In addition:

Type Designation:

With 1/2 cut of 6" mono c-Si cells:

JKMxxxM-78H-V (xxx=405-445, in steps of 5, 156 cells)  
JKMxxxM-66H-V (xxx=340-375, in steps of 5, 132 cells)  
JKMxxxM-78HB-V (xxx=405-435, in steps of 5, 156 cells)  
JKMxxxM-66HB-V (xxx=340-365, in steps of 5, 132 cells)  
JKMxxxM-78H-TV (xxx=405-455, in steps of 5, 156 cells)  
JKMxxxM-66H-TV (xxx=340-385, in steps of 5, 132 cells)  
JKMxxxN-78H-TV (xxx=410-460, in steps of 5, 156 cells)  
JKMxxxN-66H-TV (xxx=345-385, in steps of 5, 132 cells)  
JKMxxxM-72HB-V; JKMxxxM-72HBL-V  
(xxx=335-425, in steps of 5, 144 cells)  
JKMxxxM-60HB-V; JKMxxxM-60HBL-V  
(xxx=270-350, in steps of 5, 120 cells)  
Continued on Page 13

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: [cert-validity@de.tuv.com](mailto:cert-validity@de.tuv.com)  
Fax: +49 221 806-3935 <http://www.tuv.com/safety>



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0013

<b>Ihr Zeichen</b> <i>Client Reference</i>	<b>Unser Zeichen</b> <i>Our Reference</i>	<b>Ausstellungsdatum</b> <i>Date of Issue</i>
L.L.F	01-LCH-50173415 014	02.01.2020 <i>(day/mo/yr)</i>

**Genehmigungsinhaber** *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte** *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Continuation of Page 12  
With 6" mono c-Si cells:  
JKMxxxM-72B-V; JKMxxxM-72BL-V  
(xxx=335-410, in steps of 5, 72 cells)  
JKMxxxM-60B-V; JKMxxxM-60BL-V  
(xxx=270-340, in steps of 5, 60 cells)  
With 6" poly c-Si cells:  
JKMxxxPP-72B-V (xxx=320-355, in steps of 5, 72 cells)  
JKMxxxPP-60B-V (xxx=260-290, in steps of 5, 60 cells)  
With 1/2 cut of 6" poly c-Si cells:  
JKMxxxPP-72HB-V (xxx=330-380, in steps of 5, 144 cells)  
JKMxxxPP-60HB-V (xxx=260-315, in steps of 5, 120 cells)

Remarks:  
Changes:  
Manufacturing Plant: See annex.  
Fire Rating: Class C according to UL 790

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0014

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-LCH-50173415 016

Ausstellungsdatum *Date of Issue*  
12.02.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV Module

Same as Page 1 - 13

4

Remarks:  
Changes:  
Manufacturing Plant: See annex.

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 <http://www.tuv.com/safety>





# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0015

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum Date of Issue</i>
L.L.F	01-LCH-50173415 017	17.02.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as Page 1 - 14

4

In addition:

Type Designation:

With 1/2 cut of mono c-Si cells:  
JKMxxxM-7RL3-V; JKMxxxM-7RL3-V-J  
(xxx=430-470, in steps of 5, 156 cells)  
JKMxxxM-6RL3-V; JKMxxxM-6RL3-V-J  
(xxx=360-395, in steps of 5, 132 cells)  
JKMxxxN-7RL3-V; JKMxxxN-7RL3-V-J  
(xxx=430-470, in steps of 5, 156 cells)  
JKMxxxN-6RL3-V; JKMxxxN-6RL3-V-J  
(xxx=360-395, in steps of 5, 132 cells)  
JKMxxxM-7RL3-TV; JKMxxxM-7RL3-TV-J  
(xxx=420-470, in steps of 5, 156 cells)

Continued on Page 16

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0016

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum Date of Issue</i>
L.L.F	01-LCH-50173415 017	17.02.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solár Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
Jiangxi Province 334100  
P. R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
www.tuv.com  
ID 1419061546

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

Continuation of Page 15  
JKMxxxM-6RL3-TV; JKMxxxM-6RL3-TV-J  
(xxx=355-395, in steps of 5, 132 cells)  
JKMxxxN-7RL3-TV; JKMxxxN-7RL3-TV-J  
(xxx=425-470, in steps of 5, 156 cells)  
JKMxxxN-6RL3-TV; JKMxxxN-6RL3-TV-J  
(xxx=355-395, in steps of 5, 132 cells)  
JKMxxxN-72H-MBB-V (xxx=385-425, in steps of 5, 144 cells)  
JKMxxxN-60H-MBB-V (xxx=320-350, in steps of 5, 120 cells)

4

Remark:

Fire Rating: Class C according to UL 790

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0017

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-LCH-50173415 018

Ausstellungsdatum  
10.04.2020

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

Same as Page 1-16

4

In addition:

Type Designations:

With ½ cut of 6" mono c-Si cells:

JKMxxxM-72HL-TV-Q (xxx=375-425, in steps of 5, 144 cells)

JKMxxxM-60HL-TV-Q (xxx=315-355, in steps of 5, 120 cells)

Remark:

Fire Rating: Class C according to UL 790

4

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



**Dipl.-Ing. (FH) Tim Kirschner**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0018

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-LCH-50173415 021	07.05.2020	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

### PV Module

Same as Page 1-17

4

In addition:  
Type Designations:  
With 1/2 cut of mono c-Si cells:  
JKMxxxM-7RL3-B-V (xxx=425-450, in steps of 5, 156 cells)  
JKMxxxM-6RL3-B-V (xxx=360-380, in steps of 5, 132 cells)  
JKMxxxN-7RL3-B-V (xxx=425-450, in steps of 5, 156 cells)  
JKMxxxN-6RL3-B-V (xxx=360-380, in steps of 5, 132 cells)

Remark:  
Fire Rating: Class C according to UL 790

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0019

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 022

Ausstellungsdatum *Date of Issue*  
05.06.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV Module

Same as Page 1-18

4

In addition:

Type Designations:

With 1/2 cut of mono c-Si cells:

JKMxxxN-72H-MBB-B-V (xxx=380-400, in steps of 5, 144 cells)

JKMxxxN-60H-MBB-B-V (xxx=315-330, in steps of 5, 120 cells)

JKMxxxM-72HL-V-Q (xxx=335-425, in steps of 5, 144 cells)

JKMxxxM-60HL-V-Q (xxx=270-350, in steps of 5, 120 cells)

JKMSxxxM-72HL-V-MX3-Q

(xxx=335-395, in steps of 5, 144 cells)

JKMSxxxM-60HL-V-MX3-Q

(xxx=270-340, in steps of 5, 120 cells)

JKMxxxM-78H-V-Q (xxx=405-445, in steps of 5, 156 cells)

JKMxxxM-66H-V-Q (xxx=340-375, in steps of 5, 132 cells)

JKMxxxM-78H-TV-Q (xxx=405-455, in steps of 5, 156 cells)

JKMxxxM-66H-TV-Q (xxx=340-385, in steps of 5, 132 cells)

Continued on Page 20

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0020

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 022

Ausstellungsdatum *Date of Issue*  
05.06.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 19

JKMxxxN-6TL3-V (xxx=335-365, in steps of 5, 120 cells)  
JKMxxxM-6TL3-V (xxx=335-365, in steps of 5, 120 cells)  
JKMxxxN-6TL3-TV (xxx=325-365, in steps of 5, 120 cells)  
JKMxxxM-6TL3-TV (xxx=325-365, in steps of 5, 120 cells)  
With 1/2 cut of mono c-Si cells:  
JKMxxxN-7RL3-V; JKMxxxN-7RL3-V-J (xxx=475, 156 cells)  
JKMxxxN-6RL3-V; JKMxxxN-6RL3-V-J (xxx=400, 132 cells)  
JKMxxxM-7RL3-V; JKMxxxM-7RL3-V-J (xxx=475, 156 cells)  
JKMxxxM-6RL3-V; JKMxxxM-6RL3-V-J (xxx=400, 132 cells)  
JKMxxxN-7RL3-TV; JKMxxxN-7RL3-TV-J (xxx=475, 156 cells)  
JKMxxxN-6RL3-TV; JKMxxxN-6RL3-TV-J (xxx=400, 132 cells)  
JKMxxxM-7RL3-TV; JKMxxxM-7RL3-TV-J (xxx=475, 156 cells)  
JKMxxxM-6RL3-TV; JKMxxxM-6RL3-TV-J (xxx=400, 132 cells)

Remarks:

Fire Rating: Class C according to UL 790  
Change:  
Manufacturing name and address: see annex

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0021

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 023

Ausstellungsdatum *Date of Issue*  
12.06.2020  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 20

4

In addition:

Type Designations:

With 6" mono c-Si cells:

JKMSxxxM-72-V-TI; JKMSxxxM-72L-V-TI; JKMSxxxM-72B-V-TI;  
JKMSxxxM-72BL-V-TI (xxx=335-410, in steps of 5, 72 cells)  
JKMSxxxM-60-V-TI; JKMSxxxM-60L-V-TI; JKMSxxxM-60B-V-TI;  
JKMSxxxM-60BL-V-TI (xxx=270-340, in steps of 5, 60 cells)

With 1/2 cut of 6" mono c-Si cells:

JKMSxxxM-72H-V-TI; JKMSxxxM-72HL-V-TI; JKMSxxxM-72HB-V-TI;  
JKMSxxxM-72HBL-V-TI

(xxx=335-425, in steps of 5, 144 cells)

JKMSxxxM-60H-V-TI; JKMSxxxM-60HL-V-TI; JKMSxxxM-60HB-V-TI;

JKMSxxxM-60HBL-V-TI

(xxx=270-350, in steps of 5, 120 cells)

Continued on Page 22

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0022

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-Liedw-50173415 023	12.06.2020	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Continuation of Page 21

4

JKMSxxxM-72HL-V-TI-Q  
(xxx=335-425, in steps of 5, 144 cells)  
JKMSxxxM-60HL-V-TI-Q  
(xxx=270-350, in steps of 5, 120 cells)  
JKMSxxxM-72H-MBB-V-TI  
(xxx=385-415, in steps of 5, 144 cells)  
JKMSxxxM-60H-MBB-V-TI  
(xxx=320-345, in steps of 5, 120 cells)  
JKMSxxxM-78H-V-TI (xxx=405-445, in steps of 5, 156 cells)  
JKMSxxxM-66H-V-TI (xxx=340-375, in steps of 5, 132 cells)  
JKMSxxxM-78H-V-TI-Q  
(xxx=405-445, in steps of 5, 156 cells)  
JKMSxxxM-66H-V-TI-Q  
(xxx=340-375, in steps of 5, 132 cells)  
Continued on Page 23

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



**Dipl.-Ing. (FH) Tim Kirschner**

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0023

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 023

Ausstellungsdatum *Date of Issue*  
12.06.2020  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV Module

Continuation of Page 22

4

JKMSxxxM-78HB-V-TI (xxx=405-435, in steps of 5, 156 cells)  
JKMSxxxM-66HB-V-TI (xxx=340-365, in steps of 5, 132 cells)  
JKMSxxxM-7RL3-V-TI (xxx=430-475, in steps of 5, 156 cells)  
JKMSxxxM-6RL3-V-TI (xxx=360-400, in steps of 5, 132 cells)  
JKMSxxxM-6TL3-V-TI (xxx=335-365, in steps of 5, 120 cells)  
JKMSxxxN-7RL3-V-TI (xxx=430-475, in steps of 5, 156 cells)  
JKMSxxxN-6RL3-V-TI (xxx=360-400, in steps of 5, 132 cells)  
JKMSxxxN-6TL3-V-TI (xxx=335-365, in steps of 5, 120 cells)  
JKMSxxxN-72H-MBB-V-TI  
(xxx=385-425, in steps of 5, 144 cells)  
JKMSxxxN-60H-MBB-V-TI  
(xxx=320-350, in steps of 5, 120 cells)  
JKMSxxxM-7RL3-B-V-TI  
(xxx=425-450, in steps of 5, 156 cells)  
JKMSxxxM-6RL3-B-V-TI  
(xxx=360-380, in steps of 5, 132 cells)  
Continued on Page 24

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0024

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-Liedw-50173415 023	12.06.2020	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

Continuation of Page 23  
JKMSxxxN-7RL3-B-V-TI  
(xxx=425-450, in steps of 5, 156 cells)  
JKMSxxxN-6RL3-B-V-TI  
(xxx=360-380, in steps of 5, 132 cells)  
JKMSxxxN-72H-MBB-B-V-TI  
(xxx=380-400, in steps of 5, 144 cells)  
JKMSxxxN-60H-MBB-B-V-TI  
(xxx=315-330, in steps of 5, 120 cells)

4

Remarks:  
Fire Rating: Class C according to UL 790

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0025

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 024

Ausstellungsdatum *Date of Issue*  
01.07.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as Page 1-24

4

In addition:

Type Designations:

With ½ cut of 6" mono c-Si cells:

JKMxxxM-78H-V, JKMSxxxM-78H-V-TI  
(xxx=450-465, in steps of 5, 156 cells)

JKMxxxM-66H-V, JKMSxxxM-66H-V-TI  
(xxx=380-390, in steps of 5, 132 cells)

JKMxxxM-78H-V-Q, JKMSxxxM-78H-V-TI-Q  
(xxx=450-465, in steps of 5, 156 cells)

JKMxxxM-66H-V-Q, JKMSxxxM-66H-V-TI-Q  
(xxx=380-390, in steps of 5, 132 cells)

JKMxxxM-72HLM-V (xxx=420-455, in steps of 5, 144 cells)

JKMxxxM-60HLM-V (xxx=350-375, in steps of 5, 120 cells)

Remarks:

Change:

Manufacturing plant name and address: see annex

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0026

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 025

Ausstellungsdatum  
15.07.2020

*Date of Issue*  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 1-25

4

In addition:

Type Designations:

With 6" mono c-Si cells:

MMxxx-72LA-MBV, MMxxx-72LA-ABV, SMMxxx-72LA-MBV,

SMMxxx-72LA-MBV-TI, SMMxxx-72LA-ABV-TI

(xxx=335-410, in steps of 5, 72 cells)

MMxxx-60LA-MBV, MMxxx-60LA-ABV,

SMMxxx-60LA-MBV-TI, SMMxxx-60LA-ABV-TI

(xxx=270-340, in steps of 5, 60 cells)

SMMxxx-72LA-MBV-MX3, SMMxxx-72LA-ABV-MX3

(xxx=335-395, in steps of 5, 72 cells)

SMMxxx-60LA-MBV-MX3, SMMxxx-60LA-ABV-MX3

(xxx=270-340, in steps of 5, 60 cells)

MMxxx-78HLA-MBV, SMMxxx-78HLA-MBV-TI

(xxx=405-465, in steps of 5, 156 cells)

Continued on Page 27



4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0027

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 025

Ausstellungsdatum  
15.07.2020

*Date of Issue*  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 26  
MMxxx-66HLA-MBV, SMMxxx-66HLA-MBV-TI  
(xxx=340-390, in steps of 5, 132 cells)  
MMxxx-78HLA-ABV, SMMxxx-78HLA-ABV-TI  
(xxx=405-435, in steps of 5, 156 cells)  
MMxxx-66HLA-ABV, SMMxxx-66HLA-ABV-TI  
(xxx=340-365, in steps of 5, 132 cells)  
With 1/2 cut of 6" mono c-Si cells:  
MMxxx-72HLA-MBV, MMxxx-72HLA-ABV,  
SMMxxx-72HLA-MBV-TI, SMMxxx-72HLA-ABV-TI  
(xxx=335-425, in steps of 5, 144 cells)  
MMxxx-60HLA-MBV, MMxxx-60HLA-ABV,  
SMMxxx-60HLA-MBV-TI, SMMxxx-60HLA-ABV-TI  
(xxx=270-350, in steps of 5, 120 cells)  
MMxxx-72HLA-BBV (xxx=375-425, in steps of 5, 144 cells)  
MMxxx-60HLA-BBV (xxx=315-355, in steps of 5, 120 cells)  
Continued on Page 28

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0028

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/mo/yr)
L.L.F	01-VZJ-50173415 025	15.07.2020	

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 27  
SMMxxx-72HLA-MBV-MX3, SMMxxx-72HLA-ABV-MX3  
(xxx=335-395, in steps of 5, 144 cells)  
SMMxxx-60HLA-MBV-MX3, SMMxxx-60HLA-ABV-MX3  
(xxx=270-340, in steps of 5, 120 cells)  
MMxxx-78HLA-BBV (xxx=405-455, in steps of 5, 156 cells)  
MMxxx-66HLA-BBV (xxx=340-385, in steps of 5, 132 cells)

4

Remarks:  
Fire Rating: Class C according to UL 790  
Change:  
Manufacturing plant name and address: see annex

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0029

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 026

Ausstellungsdatum *Date of Issue*  
20.08.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 1 - 28

In addition:

Type Designation:

With 1/2 cut of 6" mono c-Si cells:

JKMxxxM-7RL3-B-V, JKMSxxxM-7RL3-B-V-TI  
(xxx=455-480, in steps of 5, 156 cells)

JKMxxxM-6RL3-B-V, JKMSxxxM-6RL3-B-V-TI  
(xxx=385-405, in steps of 5, 132 cells)

JKMxxxM-6TL3-B-V, JKMSxxxM-6TL3-B-V-TI  
(xxx=320-365, in steps of 5, 120 cells)

JKMxxxN-7RL3-B-V, JKMSxxxN-7RL3-B-V-TI  
(xxx=455-480, in steps of 5, 156 cells)

JKMxxxN-6RL3-B-V, JKMSxxxN-6RL3-B-V-TI  
(xxx=385-405, in steps of 5, 132 cells)

JKMxxxN-6TL3-B-V, JKMSxxxN-6TL3-B-V-TI  
(xxx=320-365, in steps of 5, 120 cells)

Continued on Page 30

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0030

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-Liedw-50173415 026

Ausstellungsdatum *Date of Issue*  
20.08.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 29

4

### Type Designations:

JKMxxxM-78H-MBB-V (xxx=440-450, in steps of 5, 156 cells)

JKMxxxM-66H-MBB-V (xxx=370-380, in steps of 5, 132 cells)

### Remarks:

Fire Rating: Class C according to UL 790

Manufacturing Plant Update: See annex.

4

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0031

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
L.L.F	01-Liedw-50173415 029	11.09.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as page 1 - 30

In addition:

Type Designations:

With 1/2 cut of mono c-Si cells:

JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J  
(xxx=525-575, in steps of 5, 156 cells)

JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J  
(xxx=485-530, in steps of 5, 144 cells)

JKMxxxM-6RL4-TV (xxx=445-485, in steps of 5, 132 cells)

JKMxxxM-6TL4-TV (xxx=405-440, in steps of 5, 120 cells)

JKMxxxM-5RL4-TV (xxx=365-395, in steps of 5, 108 cells)

JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J  
(xxx=535-575, in steps of 5, 156 cells)

JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J  
(xxx=495-530, in steps of 5, 144 cells)

Continued on Page 32

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 <http://www.tuv.com/safety>

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) Tim Kirschner**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0032

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
L.L.F	01-Liedw-50173415 029	11.09.2020 <i>(day/mo/yr)</i>

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1419061546

## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (*Geräteidentifikation*)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 31

Type Designations:

JKMxxxM-6RL4-V (xxx=455-485, in steps of 5, 132 cells)  
JKMxxxM-6TL4-V (xxx=415-440, in steps of 5, 120 cells)  
JKMxxxM-5RL4-V (xxx=375-395, in steps of 5, 108 cells)  
JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J  
(xxx=475-540, in steps of 5, 144 cells)  
JKMxxxM-66HL4-V (xxx=440-495, in steps of 5, 132 cells)  
JKMxxxM-60HL4-V (xxx=400-450, in steps of 5, 120 cells)  
JKMxxxM-54HL4-V (xxx=360-405, in steps of 5, 108 cells)  
JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J  
(xxx=475-535, in steps of 5, 144 cells)  
JKMxxxM-66HL4-TV (xxx=440-490, in steps of 5, 132 cells)  
JKMxxxM-60HL4-TV (xxx=400-445, in steps of 5, 120 cells)  
JKMxxxM-54HL4-TV (xxx=360-400, in steps of 5, 108 cells)

Remarks:

Manufacturing Plant Update: See annex.

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0033

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 032

Ausstellungsdatum *Date of Issue*  
01.12.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1419061546

## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as Page 1 - 32

In addition:

Type Designations:

With 1/2 cut of mono c-Si cells:

MNxxx-72HLA-BBV-MBB

(xxx=390-420, in steps of 5, 144 cells)

MNxxx-60HLA-BBV-MBB

(xxx=330-350, in steps of 5, 120 cells)

MNxxx-7RLC-MBV, SMNxxx-7RLC-MBV-TI

(xxx=430-475, in steps of 5, 156 cells)

MNxxx-6RLC-MBV, SMNxxx-6RLC-MBV-TI

(xxx=360-400, in steps of 5, 132 cells)

MNxxx-6TLC-MBV, SMNxxx-6TLC-MBV-TI

(xxx=335-365, in steps of 5, 120 cells)

MNxxx-7RLC-BBV (xxx=425-475, in steps of 5, 156 cells)

MNxxx-6RLC-BBV (xxx=355-400, in steps of 5, 132 cells)

MNxxx-6TLC-BBV (xxx=325-365, in steps of 5, 120 cells)

Continued on Page 34

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 <http://www.tuv.com/safety>

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0034

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 032

Ausstellungsdatum *Date of Issue*  
01.12.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 33  
MNxxx-72HLA-MBV-MBB, SMNxxx-72HLA-MBV-MBB-TI  
(xxx=385-425, in steps of 5, 144 cells)  
MNxxx-60HLA-MBV-MBB, SMNxxx-60HLA-MBV-MBB-TI  
(xxx=320-350, in steps of 5, 120 cells)  
MNxxx-7RLC-ABV, SMNxxx-7RLC-ABV-TI  
(xxx=425-480, in steps of 5, 156 cells)  
MNxxx-6RLC-ABV, SMNxxx-6RLC-ABV-TI  
(xxx=360-405, in steps of 5, 132 cells)  
MNxxx-6TLC-ABV, SMNxxx-6TLC-ABV-TI  
(xxx=320-365, in steps of 5, 120 cells)  
MNxxx-72HLA-ABV-MBB, SMNxxx-72HLA-ABV-MBB-TI  
(xxx=380-400, in steps of 5, 144 cells)  
MNxxx-60HLA-ABV-MBB, SMNxxx-60HLA-ABV-MBB-TI  
(xxx=315-330, in steps of 5, 120 cells)  
Continued on page 35

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0035

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 032

Ausstellungsdatum *Date of Issue*  
01.12.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 34

MM-72HLA-BBV-MBB (xxx=385-405, in steps of 5, 144 cells)  
MM-60HLA-BBV-MBB (xxx=320-335, in steps of 5, 120 cells)  
MMxxx-7RLC-BBV (xxx=420-475, in steps of 5, 156 cells)  
MMxxx-6RLC-BBV (xxx=355-400, in steps of 5, 132 cells)  
MMxxx-6TLC-BBV (xxx=325-365, in steps of 5, 120 cells)  
MM-72HLA-MBV-MBB, SMM-72HLA-MBV-MBB-TI  
(xxx=385-415, in steps of 5, 144 cells)  
MM-60HLA-MBV-MBB, SMM-60HLA-MBV-MBB-TI  
(xxx=320-345, in steps of 5, 120 cells)  
MMxxx-7RLC-MBV, SMMxxx-7RLC-MBV-TI  
(xxx=430-475, in steps of 5, 156 cells)  
MMxxx-6RLC-MBV, SMMxxx-6RLC-MBV-TI  
(xxx=360-400, in steps of 5, 132 cells)  
MMxxx-6TLC-MBV, SMMxxx-6TLC-MBV-TI  
(xxx=335-365, in steps of 5, 120 cells)  
Continued on page 36

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0036

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 032

Ausstellungsdatum *Date of Issue*  
01.12.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 35  
MMxxx-7RLC-ABV, SMMxxx-7RLC-ABV-TI  
(xxx=425-480, in steps of 5, 156 cells)  
MMxxx-6RLC-ABV, SMMxxx-6RLC-ABV-TI  
(xxx=360-405, in steps of 5, 132 cells)  
MMxxx-6TLC-ABV, SMMxxx-6TLC-ABV-TI  
(xxx=320-365, in steps of 5, 120 cells)  
MM-78HLA-MBV-MBB (xxx=440-450, in steps of 5, 156 cells)  
MM-66HLA-MBV-MBB (xxx=370-380, in steps of 5, 132 cells)

4

Remarks:  
Manufacturing Plant Update: See annex.

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0037

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 1 - 36

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

MMxxx-72HLM-MBV (xxx=420-455, in steps of 5, 144 cells)  
MMxxx-60HLM-MBV (xxx=350-375, in steps of 5, 120 cells)  
JKMxxxN-72HL4-V (xxx=485-555, in steps of 5, 144 cells)  
JKMxxxN-66HL4-V (xxx=445-505, in steps of 5, 132 cells)  
JKMxxxN-60HL4-V (xxx=405-460, in steps of 5, 120 cells)  
JKMxxxN-54HL4-V (xxx=365-415, in steps of 5, 108 cells)  
JKMxxxN-72HL4-TV (xxx=480-545, in steps of 5, 144 cells)  
JKMxxxN-66HL4-TV (xxx=440-495, in steps of 5, 132 cells)  
JKMxxxN-60HL4-TV (xxx=400-450, in steps of 5, 120 cells)  
JKMxxxN-54HL4-TV (xxx=360-405, in steps of 5, 108 cells)

Continued on Page 38

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0038

Ihr Zeichen *Client Reference*

L.L.F

Unser Zeichen *Our Reference*

01-VZJ-50173415 034

Ausstellungsdatum

30.12.2020

*Date of Issue*

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision  
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 37

JKMxxxN-7RL4-V (xxx=535-590, in steps of 5, 156 cells)  
JKMxxxN-7TL4-V (xxx=495-540, in steps of 5, 144 cells)  
JKMxxxN-6RL4-V (xxx=455-495, in steps of 5, 132 cells)  
JKMxxxN-6TL4-V (xxx=415-450, in steps of 5, 120 cells)  
JKMxxxN-5RL4-V (xxx=375-405, in steps of 5, 108 cells)  
JKMxxxN-7RL4-TV (xxx=520-585, in steps of 5, 156 cells)  
JKMxxxN-7TL4-TV (xxx=480-540, in steps of 5, 144 cells)  
JKMxxxN-6RL4-TV (xxx=440-495, in steps of 5, 132 cells)  
JKMxxxN-6TL4-TV (xxx=400-450, in steps of 5, 120 cells)  
JKMxxxN-5RL4-TV (xxx=365-405, in steps of 5, 108 cells)

Continued on Page 39

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0039

Ihr Zeichen *Client Reference*

L.L.F

Unser Zeichen *Our Reference*

01-VZJ-50173415 034

Ausstellungsdatum

30.12.2020

*Date of Issue*

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision  
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 38

JKMxxxM-72HL4-B-V (xxx=510-535, in steps of 5, 144 cells)  
JKMxxxM-66HL4-B-V (xxx=465-490, in steps of 5, 132 cells)  
JKMxxxM-60HL4-B-V (xxx=425-445, in steps of 5, 120 cells)  
JKMxxxM-54HL4-B-V (xxx=380-400, in steps of 5, 108 cells)  
JKMxxxN-72HL4-B-V (xxx=510-535, in steps of 5, 144 cells)  
JKMxxxN-66HL4-B-V (xxx=465-490, in steps of 5, 132 cells)  
JKMxxxN-60HL4-B-V (xxx=425-445, in steps of 5, 120 cells)  
JKMxxxN-54HL4-B-V (xxx=380-400, in steps of 5, 108 cells)  
JKMxxxM-7RL4-B-V (xxx=540-575, in steps of 5, 156 cells)  
JKMxxxM-7TL4-B-V (xxx=495-530, in steps of 5, 144 cells)

Continued on Page 40

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0040

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020 *(day/mo/yr)*

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt *(Geräteidentifikation)*  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 39

JKMxxxM-6RL4-B-V (xxx=455-485, in steps of 5, 132 cells)	4
JKMxxxM-6TL4-B-V (xxx=415-440, in steps of 5, 120 cells)	
JKMxxxM-5RL4-B-V (xxx=375-395, in steps of 5, 108 cells)	
JKMxxxN-7RL4-B-V (xxx=540-575, in steps of 5, 156 cells)	
JKMxxxN-7TL4-B-V (xxx=495-530, in steps of 5, 144 cells)	
JKMxxxN-6RL4-B-V (xxx=455-485, in steps of 5, 132 cells)	
JKMxxxN-6TL4-B-V (xxx=415-440, in steps of 5, 120 cells)	
JKMxxxN-5RL4-B-V (xxx=375-395, in steps of 5, 108 cells)	

Continued on Page 41

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

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Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle

Dipl.-Ing. (FH) F. He

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0041

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum Date of Issue</i>	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 034	30.12.2020	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

In continuation of Page 40

4

With ½ cut of mono c-Si cells:

JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J  
(xxx=580-590, in steps of 5, 156 cells)

JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J  
(xxx=535-540, in steps of 5, 144 cells)

JKMxxxM-6RL4-V (xxx=490-495, in steps of 5, 132 cells)

JKMxxxM-6TL4-V (xxx=445-450, in steps of 5, 120 cells)

JKMxxxM-5RL4-V (xxx=400-405, in steps of 5, 108 cells)

JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J  
(xxx=580-590, in steps of 5, 156 cells)

JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J  
(xxx=535-540, in steps of 5, 144 cells)

Continued on Page 42

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) F. He**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0042

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum Date of Issue</i>
L.L.F	01-VZJ-50173415 034	30.12.2020 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

In continuation of Page 41  
JKMxxxM-6RL4-TV (xxx=490-495, in steps of 5, 132 cells)  
JKMxxxM-6TL4-TV (xxx=445-450, in steps of 5, 120 cells)  
JKMxxxM-5RL4-TV (xxx=400-405, in steps of 5, 108 cells)  
JKMxxxM-7RL3-V, JKMSxxxM-7RL3-V-J, JKMSxxxM-7RL3-V-TI  
(xxx=480-495, in steps of 5, 156 cells)  
JKMxxxM-6RL3-V, JKMSxxxM-6RL3-V-J, JKMSxxxM-6RL3-V-TI  
(xxx=405-415, in steps of 5, 132 cells)  
JKMxxxM-6TL3-V, JKMSxxxM-6TL3-V-TI  
(xxx=370-380, in steps of 5, 120 cells)  
JKMxxxN-7RL3-V, JKMSxxxN-7RL3-V-J, JKMSxxxN-7RL3-V-TI  
(xxx=480-490, in steps of 5, 156 cells)  
Continued on Page 43

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0043

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 42  
JKMxxxN-6RL3-V, JKMxxxN-6RL3-V-J, JKMSxxxN-6RL3-V-TI  
(xxx=405-410, in steps of 5, 132 cells)  
JKMxxxN-6TL3-V, JKMSxxxN-6TL3-V-TI  
(xxx=370-375, in steps of 5, 120 cells)  
JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J  
(xxx=545-555, in steps of 5, 144 cells)  
JKMxxxM-66HL4-V (xxx=500-505, in steps of 5, 132 cells)  
JKMxxxM-60HL4-V (xxx=455-460, in steps of 5, 120 cells)  
JKMxxxM-54HL4-V (xxx=410-415, in steps of 5, 108 cells)  
Continued on Page 44

4

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0044

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*  
30.12.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 43  
JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J  
(xxx=540-550, in steps of 5, 144 cells)  
JKMxxxM-66HL4-TV (xxx=495-500, in steps of 5, 132 cells)  
JKMxxxM-60HL4-TV (xxx=450-455, in steps of 5, 120 cells)  
JKMxxxM-54HL4-TV (xxx=405-410, in steps of 5, 108 cells)

4

Remarks:  
Changes:  
Manufacturing Plant update: see annex.

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0045

Ihr Zeichen *Client Reference*

L.L.F

Unser Zeichen *Our Reference*

01-VZJ-50173415 036

Ausstellungsdatum

09.02.2021

*Date of Issue*

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision  
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

PV Module

Same as Page 1 - 44

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

MMxxx-72HLD-MBV (xxx=475-555, in steps of 5, 144 cells)  
MMxxx-66HLD-MBV (xxx=440-505, in steps of 5, 132 cells)  
MMxxx-60HLD-MBV (xxx=400-460, in steps of 5, 120 cells)  
MMxxx-54HLD-MBV (xxx=360-415, in steps of 5, 108 cells)  
MMxxx-7RLD-MBV (xxx=535-590, in steps of 5, 156 cells)  
MMxxx-7TLD-MBV (xxx=495-540, in steps of 5, 144 cells)  
MMxxx-6RLD-MBV (xxx=455-495, in steps of 5, 132 cells)  
MMxxx-6TLD-MBV (xxx=415-450, in steps of 5, 120 cells)  
MMxxx-5RLD-MBV (xxx=375-405, in steps of 5, 108 cells)

Continued on Page 46

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0046

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 036

Ausstellungsdatum *Date of Issue*  
09.02.2021  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

In continuation of Page 45

With ½ cut of mono c-Si cells:

MMxxx-72HLA-BBV-MBB (xxx=385-405, in steps of 5, 144 cells)  
MMxxx-60HLA-BBV-MBB (xxx=320-335, in steps of 5, 120 cells)  
MMxxx-72HLA-MBV-MBB, SMMxxx-72HLA-MBV-MBB-TI  
(xxx=385-415, in steps of 5, 144 cells)  
MMxxx-60HLA-MBV-MBB, SMMxxx-60HLA-MBV-MBB-TI  
(xxx=320-345, in steps of 5, 120 cells)  
MMxxx-78HLA-MBV-MBB (xxx=440-450, in steps of 5, 156 cells)  
MMxxx-66HLA-MBV-MBB (xxx=370-380, in steps of 5, 132 cells)

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle  
  
Dipl.-Ing. (FH) F. He

**Zertifikat**

**Certificate**

**Zertifikat Nr. Certificate No.**  
PV 50416412

**Blatt Sheet**  
0047

<b>Ihr Zeichen Client Reference</b>	<b>Unser Zeichen Our Reference</b>	<b>Ausstellungsdatum Date of Issue</b>
L.L.F	01-VZJ-50173415 037	16.03.2021 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- EN 61215-1:2016
- EN 61215-2:2017
- EN 61215-1-1:2016
- EN IEC 61730-1:2018
- EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

**PV Module**

Same as Page 1 - 46

In addition:

Type designations:

With ½ cut of mono c-Si cells:

- MNxxx-72HLD-MBV (xxx=485-555, in steps of 5, 144 cells)
- MNxxx-66HLD-MBV (xxx=445-505, in steps of 5, 132 cells)
- MNxxx-60HLD-MBV (xxx=405-460, in steps of 5, 120 cells)
- MNxxx-54HLD-MBV (xxx=365-415, in steps of 5, 108 cells)
- MNxxx-72HLD-BBV (xxx=480-545, in steps of 5, 144 cells)
- MNxxx-66HLD-BBV (xxx=440-495, in steps of 5, 132 cells)
- MNxxx-60HLD-BBV (xxx=400-450, in steps of 5, 120 cells)
- MNxxx-54HLD-BBV (xxx=360-405, in steps of 5, 108 cells)
- MNxxx-7RLD-MBV (xxx=535-590, in steps of 5, 156 cells)
- MNxxx-7TLD-MBV (xxx=495-540, in steps of 5, 144 cells)
- MNxxx-6RLD-MBV (xxx=455-495, in steps of 5, 132 cells)
- MNxxx-6TLD-MBV (xxx=415-450, in steps of 5, 120 cells)
- MNxxx-5RLD-MBV (xxx=375-405, in steps of 5, 108 cells)

Continued on Page 48

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**Dipl.-Ing. (FH) Tim Kirschner**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0048

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum Date of Issue</i>
L.L.F	01-VZJ-50173415 037	16.03.2021 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



## Geprüft nach Tested acc. to

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)

## Lizenzentgelte - Einheit License Fee - Unit

### PV Module

In Continuation of Page 47

MNxxx-7RLD-BBV (xxx=520-585, in steps of 5, 156 cells)  
MNxxx-7TLD-BBV (xxx=480-540, in steps of 5, 144 cells)  
MNxxx-6RLD-BBV (xxx=440-495, in steps of 5, 132 cells)  
MNxxx-6TLD-BBV (xxx=400-450, in steps of 5, 120 cells)  
MNxxx-5RLD-BBV (xxx=365-405, in steps of 5, 108 cells)  
JKMxxxM-72HLM-TV (xxx=425-460, in steps of 5, 144 cells)  
JKMxxxM-60HLM-TV (xxx=355-380, in steps of 5, 120 cells)  
JKMSxxxM-72H-MBB-V-MX3  
(xxx=385-415, in steps of 5, 144 cells)  
JKMSxxxM-60H-MBB-V-MX3  
(xxx=320-345, in steps of 5, 120 cells)  
JKMSxxxM-72HLM-V-MX3  
(xxx=420-455, in steps of 5, 144 cells)  
JKMSxxxM-60HLM-V-MX3  
(xxx=350-375, in steps of 5, 120 cells)  
Continued on Page 49

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0049

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 037

Ausstellungsdatum *Date of Issue*  
16.03.2021  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***

Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***

Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

In Continuation of Page 48  
JKMSxxxM-78H-MBB-V-MX3  
(xxx=440-450, in steps of 5, 156 cells)  
JKMSxxxM-66H-MBB-V-MX3  
(xxx=370-380, in steps of 5, 132 cells)  
JKMxxxM-72HLM-B-V, JKMSxxxM-72HLM-B-V-MX3  
(xxx=415-445, in steps of 5, 144 cells)  
JKMxxxM-60HLM-B-V, JKMSxxxM-60HLM-B-V-MX3  
(xxx=350-370, in steps of 5, 120 cells)  
With ½ cut of mono c-Si cells:  
JKMxxxM-72H-MBB-V, JKMSxxxM-72H-MBB-V-TI  
(xxx=420-425, in steps of 5, 144 cells)  
JKMSxxxM-72H-MBB-V-MX3  
(xxx=420-425, in steps of 5, 144 cells)

Continued on Page 50

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0050

<b>Ihr Zeichen</b> <i>Client Reference</i>	<b>Unser Zeichen</b> <i>Our Reference</i>	<b>Ausstellungsdatum</b>	<b>Date of Issue</b>
L.L.F	01-VZJ-50173415 037	16.03.2021	(day/mo/yr)

**Genehmigungsinhaber** *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte** *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

### Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

In Continuation of Page 49  
JKMxxxM-60H-MBB-V, JKMSxxxM-60H-MBB-V-TI  
(xxx=350-355, in steps of 5, 120 cells)  
JKMSxxxM-60H-MBB-V-MX3  
(xxx=350-355, in steps of 5, 120 cells)  
JKMxxxM-72HLM-V, JKMSxxxM-72HLM-V-MX3  
(xxx=460-465, in steps of 5, 144 cells)  
JKMxxxM-60HLM-V, JKMSxxxM-60HLM-V-MX3  
(xxx=380-385, in steps of 5, 120 cells)  
JKMxxxM-78H-MBB-V, JKMSxxxM-78H-MBB-V-MX3  
(xxx=455-465, in steps of 5, 156 cells)  
JKMxxxM-66H-MBB-V, JKMSxxxM-66H-MBB-V-MX3  
(xxx=385-390, in steps of 5, 132 cells)  
JKMxxxM-7TL4-V, JKMSxxxM-7TL4-V-J  
(xxx=545-570, in steps of 5, 144 cells)  
Continued on Page 51

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0051

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-VZJ-50173415 037	16.03.2021	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

### Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

In Continuation of Page 50  
JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J  
(xxx=545-570, in steps of 5, 144 cells)  
JKMxxxN-7TL4-V (xxx=545-570, in steps of 5, 144 cells)  
JKMxxxN-7TL4-TV (xxx=545-570, in steps of 5, 144 cells)  
MMxxx-72HLA-MBV-MBB, SMMxxx-72HLA-MBV-MBB-TI  
(xxx=420-425, in steps of 5, 144 cells)  
MMxxx-60HLA-MBV-MBB, SMMxxx-60HLA-MBV-MBB-TI  
(xxx=350-355, in steps of 5, 120 cells)  
MMxxx-72HLM-MBV (xxx=455-465, in steps of 5, 144 cells)  
MMxxx-60HLM-MBV (xxx=380-385, in steps of 5, 120 cells)  
MMxxx-78HLA-MBV-MBB  
(xxx=455-465, in steps of 5, 156 cells)  
MMxxx-66HLA-MBV-MBB  
(xxx=385-390, in steps of 5, 132 cells)

Remarks:  
Manufacturing Plant update: See annex.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



**Dipl.-Ing. (FH) Tim Kirschner**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0052

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 043

Ausstellungsdatum *Date of Issue*  
21.06.2021 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

### PV Module

Same as Page 1 - 51

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

JKxxxM-66R5-MWV (xxx=630-665, in steps of 5, 132 cells)

JKxxxM-66R5-BTV (xxx=630-660, in steps of 5, 132 cells)

JKxxxM-66H5-MWV (xxx=635-670, in steps of 5, 132 cells)

JKxxxM-66H5-BTV (xxx=630-665, in steps of 5, 132 cells)

Remarks:

Manufacturing Plant update: See annex.

Fire Rating: Class C according to UL 790



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

Dipl.-Ing. (TU) G. Reimann

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0053

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 044

Ausstellungsdatum *Date of Issue*  
20.07.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 1 - 52

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

JKMxxxM-78HL4-V (xxx=565-605, in steps of 5, 156 cells)  
MMxxx-78HLD-MBV (xxx=565-605, in steps of 5, 156 cells)  
JKMxxxM-78HL4-TV (xxx=555-595, in steps of 5, 156 cells)  
JKMxxxN-7RL3-TV, JKMxxxN-7RL3-TV-J  
(xxx=480-500, in steps of 5, 156 cells)  
JKMxxxN-6RL3-TV, JKMxxxN-6RL3-TV-J  
(xxx=405-420, in steps of 5, 132 cells)  
JKMxxxN-6TL3-TV (xxx=370-380, in steps of 5, 120 cells)

Remarks:

Manufacturing Plant update: See annex.

Fire Rating: Class C according to UL 790

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0054

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 046

Ausstellungsdatum *Date of Issue*  
07.09.2021  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

Same as Page 1 - 53

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

JKMxxxN-7RL3-S-TV, JKMxxxN-7RL3-S-TV-J  
(xxx=425-500, in steps of 5, 156 cells)

JKMxxxN-6RL3-S-TV, JKMxxxN-6RL3-S-TV-J  
(xxx=355-420, in steps of 5, 132 cells)

JKMxxxN-6TL3-S-TV (xxx=325-380, in steps of 5, 120 cells)

JKMxxxN-7RL3-S-B-V (xxx=425-480, in steps of 5, 156 cells)

JKMxxxN-6RL3-S-B-V (xxx=360-405, in steps of 5, 132 cells)

JKMxxxN-6TL3-S-B-V (xxx=320-365, in steps of 5, 120 cells)

JKMxxxM-7RL3-S-V, JKMxxxM-7RL3-S-V-J  
(xxx=430-495, in steps of 5, 156 cells)

JKMxxxM-6RL3-S-V, JKMxxxM-6RL3-S-V-J

JKMSxxxM-6RL3-V-MX3 (xxx=360-415, in steps of 5, 132 cells)

JKMxxxM-6TL3-S-V, JKMSxxxM-6TL3-V-MX3  
(xxx=335-380, in steps of 5, 120 cells)

Continued on Page 55

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935





# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0055

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 046	07.09.2021	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

### Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

In continuation of Page 54

Type Designations:

JKMxxxM-7RL3-S-TV, JKMxxxM-7RL3-S-TV-J  
(xxx=420-475, in steps of 5, 156 cells)  
JKMxxxM-6RL3-S-TV, JKMxxxM-6RL3-S-TV-J  
(xxx=355-400, in steps of 5, 132 cells)  
JKMxxxM-6TL3-S-TV (xxx=325-365, in steps of 5, 120 cells)  
JKMxxxM-7RL3-S-B-V (xxx=425-480, in steps of 5, 156 cells)  
JKMxxxM-6RL3-S-B-V (xxx=360-405, in steps of 5, 132 cells)  
JKMxxxM-6TL3-S-B-V (xxx=320-365, in steps of 5, 120 cells)  
JKMxxxM-78HL4-S-V (xxx=565-605, in steps of 5, 156 cells)  
JKMxxxM-72HL4-S-V, JKMxxxM-72HL4-S-V-J  
(xxx=475-555, in steps of 5, 144 cells)  
JKMxxxM-66HL4-S-V (xxx=440-505, in steps of 5, 132 cells)  
JKMxxxM-60HL4-S-V (xxx=400-460, in steps of 5, 120 cells)  
JKMxxxM-54HL4-S-V (xxx=360-415, in steps of 5, 108 cells)  
JKMxxxM-78HL4-S-TV (xxx=555-595, in steps of 5, 156 cells)  
JKMxxxM-72HL4-S-TV, JKMxxxM-72HL4-S-TV-J  
(xxx=475-550, in steps of 5, 144 cells)  
Continued on Page 56

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935





# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0056

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum Date of Issue</i>	<i>(day/mo/yr)</i>
L.L.F	01-VZJ-50173415 046	07.09.2021	

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

### Prüfzeichen *Test Mark*



### Geprüft nach *Tested acc. to*

IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
www.tuv.com  
ID 1419061546

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt *(Geräteidentifikation)***  
***Certified Product (Product Identification)***

**Lizenzentgelte - Einheit**  
***License Fee - Unit***

### PV Module

In continuation of Page 55

#### Type Designations:

JKMxxxM-66HL4-S-TV (xxx=440-500, in steps of 5, 132 cells)  
JKMxxxM-60HL4-S-TV (xxx=400-455, in steps of 5, 120 cells)  
JKMxxxM-54HL4-S-TV (xxx=360-410, in steps of 5, 108 cells)  
JKMxxxM-72HL4-S-B-V (xxx=510-535, in steps of 5, 144 cells)  
JKMxxxM-66HL4-S-B-V (xxx=465-490, in steps of 5, 132 cells)  
JKMxxxM-60HL4-S-B-V (xxx=425-445, in steps of 5, 120 cells)  
JKMxxxM-54HL4-S-B-V (xxx=380-400, in steps of 5, 108 cells)  
JKMSxxxN-6RL3-V-MX3 (xxx=360-410, in steps of 5, 132 cells)  
JKMSxxxN-6TL3-V-MX3 (xxx=335-375, in steps of 5, 120 cells)  
JKMxxxM-54HL4-V, JKMxxxM-54HL4-S-V  
(xxx=420, in steps of 5, 108 cells)

#### Remarks:

Fire Rating: Class C according to UL 790

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

### Zertifizierungsstelle



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0057

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 048

Ausstellungsdatum *Date of Issue*  
27.10.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

same as page 1 - 56

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

JKMxxxN-7RL3-V, JKMSxxxN-7RL3-V-J, JKMSxxxN-7RL3-V-TI  
(xxx=495-500, in steps of 5, 156 cells)

JKMxxxN-6RL3-V, JKMSxxxN-6RL3-V-J, JKMSxxxN-6RL3-V-TI,  
JKMSxxxN-6RL3-V-MX3 (xxx=415-420, in steps of 5, 132 cells)

JKMxxxN-6TL3-V, JKMSxxxN-6TL3-V-TI, JKMSxxxN-6TL3-V-MX3  
(xxx=380, in steps of 5, 120 cells)

MMxxx-54HLD-MBV (xxx=420, in steps of 5, 108 cells)

Remarks:

Fire Rating: Class C according to UL 790

Manufacturing Plant update: See annex.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935





# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0058

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 049	11.11.2021	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt *(Geräteidentifikation)***  
***Certified Product (Product Identification)***

**Lizenzentgelte - Einheit**  
***License Fee - Unit***

## PV Module

same as page 1 - 57

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With ½ cut of mono c-Si cells:

JKMxxxN-78HL4-V (xxx=570-620, in steps of 5, 156 cells)

JKMxxxN-72HL4-V (xxx=560-570, in steps of 5, 144 cells)

JKMxxxN-66HL4-V (xxx=510-520, in steps of 5, 132 cells)

JKMxxxN-60HL4-V (xxx=465-475, in steps of 5, 120 cells)

JKMxxxN-54HL4-V (xxx=420-425, in steps of 5, 108 cells)

Remarks:

Fire Rating: Class C according to UL 790

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

Zertifizierungsstelle  
  
Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0059

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 051	06.12.2021	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as page 1 - 58

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With ½ cut of mono c-Si cells:

JKMxxxN-78HL4-TV (xxx=570-605, in steps of 5, 156 cells)

JKMxxxN-72HL4-TV (xxx=550-555, in steps of 5, 144 cells)

JKMxxxN-66HL4-TV (xxx=500-510, in steps of 5, 132 cells)

JKMxxxN-60HL4-TV (xxx=455-465, in steps of 5, 120 cells)

JKMxxxN-54HL4-TV (xxx=410-415, in steps of 5, 108 cells)

Remarks:

Manufacturing Plant update: See annex.

Fire Rating: Class C according to UL 790

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0060

Ihr Zeichen <i>Client Reference</i> L.L.F	Unser Zeichen <i>Our Reference</i> 01-VZJ-50173415 053	Ausstellungsdatum <i>Date of Issue</i> 24.12.2021	<i>(day/mo/yr)</i>
--	---	--	--------------------

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

## PV Module

Same as page 1 - 59

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With 1/2 cut of mono c-Si cells:

JKMxxxN-78HL4-V (xxx=625, 156 cells)

JKMxxxN-72HL4-V (xxx=575, 144 cells)

JKMxxxN-66HL4-V (xxx=525, 132 cells)

JKMxxxN-60HL4-V (xxx=480, 120 cells)

JKMxxxN-54HL4-V (xxx=430, 108 cells)

JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J, JKMxxxM-72HL4-S-V,  
JKMxxxM-72HL4-S-V-J (xxx=560-570, in steps of 5, 144 cells)

JKMxxxM-60HL4-V, JKMxxxM-60HL4-S-V  
(xxx=465-470, in steps of 5, 120 cells)

JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J,

JKMxxxM-72HL4-S-TV, JKMxxxM-72HL4-S-TV-J  
(xxx=555-565, in steps of 5, 144 cells)

Remarks:

Manufacturing Plant update: See annex.

Fire Rating: Class C according to UL 790

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com

Fax: +49 221 806-3935



Dipl.-Ing. (FH) Tim Kirschner



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0061

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 054

Ausstellungsdatum *Date of Issue*  
31.12.2021 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



**Geprüft nach *Tested acc. to***  
IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

## PV Module

Same as page 1 - 60

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With ½ cut of mono c-Si cells:

JKxxxN-66H5-BTV (xxx=635-670, in steps of 5, 132 cells)

Remarks:

Fire Rating: Class C according to UL 790

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0062

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 057

Ausstellungsdatum *Date of Issue*  
25.02.2022 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

Same as page 1 - 61

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With ½ cut of mono c-Si cells:

MMxxx-72HLD-MBV (xxx=560-570, in steps of 5, 144 cells)

MMxxx-60HLD-MBV (xxx=465-470, in steps of 5, 120 cells)

Remarks:

Manufacturing Plant update: See annex.

Fire Rating: Class C according to UL 790

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

Zertifizierungsstelle



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0063

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 065

Ausstellungsdatum *Date of Issue*  
12.08.2022 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

## PV Module

Same as page 1 - 62

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With ½ cut of mono c-Si cells:

JKMxxxN-54HL4R-V (xxx=365-455, in steps of 5, 108 cells)

JKMxxxN-78HL4-TV (xxx=610-625, in steps of 5, 156 cells)

JKMxxxN-72HL4-TV (xxx=560-575, in steps of 5, 144 cells)

JKMxxxN-66HL4-TV (xxx=515-525, in steps of 5, 132 cells)

JKMxxxN-60HL4-TV (xxx=470-480, in steps of 5, 120 cells)

JKMxxxN-54HL4-TV (xxx=420-430, in steps of 5, 108 cells)

JKMxxxN-6TL3-V, JKMSxxxN-6TL3-V-TI

JKMSxxxN-6TL3-V-MX3

(xxx=385-390, in steps of 5, 120 cells)

Continued on Page 64

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

Zertifizierungsstelle



Dipl.-Ing. (FH) R. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0064

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 065

Ausstellungsdatum *Date of Issue*  
12.08.2022 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

In Continuation of Page 63  
Type Designations:  
Max. system voltage (Up to 1500VDC)  
JKMxxxN-54HL4-V (xxx=435-455, in steps of 5, 108 cells)  
JKMxxxN-5RL4-V (xxx=410-460, in steps of 5, 108 cells)

Remarks:  
Fire Rating: Class C according to UL 790.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0065

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 066

Ausstellungsdatum *Date of Issue*  
27.09.2022 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No. 1 Jinko Road  
Shangrao Economic Development Zone  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Same as Page 1 - 64

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With ½ cut of mono c-Si cells:

JKMxxxN-72HL4R-V (xxx=485-600, in steps of 5, 144 cells)

JKMxxxN-60HL4R-V (xxx=405-500, in steps of 5, 120 cells)

JKMxxxN-72HL4R-TV (xxx=480-605, in steps of 5, 144 cells)

JKMxxxN-72HL4-V (xxx=580-600, in steps of 5, 144 cells)

JKMxxxN-60HL4-V (xxx=485-500, in steps of 5, 120 cells)

JKMxxxN-72HL4-TV (xxx=580-605, in steps of 5, 144 cells)

Remarks:

Fire Rating: Class C according to UL 790.

Manufacturing Plant update: See annex.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0066

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 067

Ausstellungsdatum *Date of Issue*  
30.11.2022 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

PV Module

Same as Page 1 - 65

### Remarks:

- The address of license holder update: See above.
- Manufacturing Plant update: See annex.
- Fire Rating: Class C according to UL 790.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



**Anlage Fertigungsstättenliste  
/Attachment List of Factories**



PV 50416412 0001

Anlagenrevision / Annex revision

19

- |   |   |
|---|---|
| <p>1 Jinko Solar (Yiwu) Co., Ltd<br/>No. 1555, Chengxin Road,<br/>Niansanli Street, Yiwu City,<br/>322013 Zhejiang<br/>P.R. China</p> <p>3 HT SOLAR VIETNAM LIMITED COMPANY.<br/>F3 Lot, factory F3-1, F3-2,<br/>Trang Due Industrial Park,<br/>An Duong District, A part of Dinh Vu-Cat Hai<br/>Economic Zone, Hai Phong City,<br/>Vietnam</p> <p>5 Yuhuan Jinkosolar Co., Ltd<br/>No5. Jinghai Road, Economic development zone,<br/>Yuhuan City,<br/>317600 Zhejiang<br/>P.R. China</p> <p>7 VIET NAM GREEN ENERGY COMMERCIAL<br/>SERVICES CO., LTD<br/>Lot D1-1, Dai Dong-Hoan Son<br/>Industrialpark, Hoan Son Commune,<br/>Tien Du District,<br/>Bac Ninh Province<br/>Vietnam</p> | <p>2 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)<br/>Lot 10085, Plot C &amp; D<br/>Jalan Perusahaan, Mukim 1<br/>13600 Seberang Perai Tengah, Penang<br/>Malaysia</p> <p>4 Jinko Solar Technology Sdn. Bhd. (P5)<br/>Plot 538 Tingkat Perusahaan 4B,<br/>Perai Free Trade Zone<br/>13600 Perai, Penang<br/>Malaysia</p> <p>6 Zhejiang Jinko Solar Co., Ltd.<br/>No.58, Yuanxi Road, Yuanhua Town,<br/>Haining City, Jiaxing City,<br/>314416 Zhejiang<br/>P.R. China</p> <p>8 Jinko Solar Technology Sdn. Bhd.<br/>No. 1412, Lorong Perusahaan 1,<br/>Kawasan Perusahaan Perai,<br/>13600 Pulau Pinang<br/>Malaysia</p> |
|---|---|



9 Jinko Solar (Haining) Co., Ltd.  
No.199, Xinyue Road,  
Huangwan Town, Haining City,  
314415 Zhejiang  
P.R. China

10 Jinko Solar (Malaysia) Sdn. Bhd.  
Lot 393, Ladang Valdor,  
Kawasan Perindustrian Valdor,  
14200 Sungai Jawi, Pulau Pinang,  
Malaysia

11 Jinko Solar (Chuzhou) Co., Ltd  
NO. 18 Liming Road, Lai'an Economic  
Development Zone, Chuzhou City,  
239200 Anhui  
P.R. China

12 Jinko Solar (U.S.) Industries Inc.  
4660 POW-MIA  
MEMORIAL PARKWAY, SUITE 200,  
JACKSONVILLE, FL 32221  
USA

13 Jinko Solar Technology Sdn. Bhd. (P6)  
2480, Tingkat Perusahaan Enam,  
Perai Free Trade Zone,  
13600 Perai, Penang  
Malaysia

14 Jiangsu Focus Solar Energy Technology  
Co., LTD.  
No. 66 Lifa Avenue, Development Zone,  
Hai'an County, Nantong City,  
Jiangsu  
P.R. China

15 Jinko Solar(Shangrao)Co., Ltd.  
No.1,Yingbin Road, Economic Development Zone,  
Shangrao City,  
334100 Jiangxi  
P.R. China

16 LDK SOLAR HIGH-TECH( NANCHANG)  
CO., LTD.  
No.1699 Tianxiang Road,  
Hi-Tech Industrial  
Development Zone,  
Nanchang  
Jiangxi, P.R. China

17 Jinko Solar (Feidong) Co., Ltd  
No. 1, southwest corner of the  
intersection of Longxing Avenue and  
Shichi Road, Hefei Circular Economy Demonstration  
Park,  
Feidong County, Hefei City,  
Anhui  
P.R. China

18 Jinko Solar Co., Ltd  
No.1 Jinko Road, Shangrao Economic  
Development Zone,  
334100 Jiangxi  
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 17.09.2018

Zertifizierungsstelle  
/ Certification Body

Dipl.-Ing. Matthias Grzam





Jinko Solar Co., Ltd.  
Liu Lifang

Date : 30.11.2022  
Our ref. : VZJ 01  
Your ref.: L.L.F

No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Ref : PV Photovoltaic Modules**

Type of Equipment : PV Module  
Model Designation : See Certificate  
Certificate No. : PV 50416412 0066  
Report No. : 50173415 067

Dear Liu Lifang,

Thank you very much for your interest in our services.

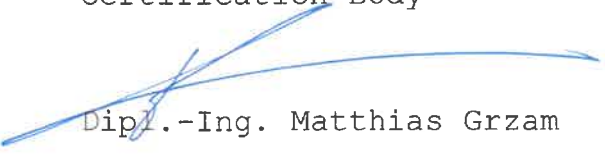
Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
Dipl.-Ing. Matthias Grzam

cc: Jinko Solar Co., Ltd.

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Jinko Solar Co., Ltd.  
Liu Lifang

Date : 18.01.2023  
Our ref. : VZJ 01  
Your ref.: L.L.F

No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Ref : PV Photovoltaic Modules**

Type of Equipment : PV Module  
Model Designation : See Certificate  
Certificate No. : PV 50416412 0067  
Report No. : 50173415 068

Dear Liu Lifang,

Thank you very much for your interest in our services.

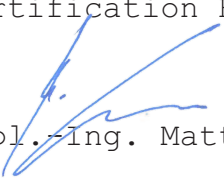
Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
Dipl.-Ing. Matthias Grzam

cc: Jinko Solar Co., Ltd.

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0067

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 068

Ausstellungsdatum *Date of Issue*  
18.01.2023 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Same as Page 1 - 66

In addition:

Type Designations:

JKMxxxN-7TL4R-V (xxx=495-600, in steps of 5, 144 cells)  
JKMxxxN-7TL4R-TV (xxx=480-590, in steps of 5, 144 cells)  
JKMxxxN-78HL4R-V (xxx=570-650, in steps of 5, 156 cells)  
JKMxxxN-78HL4R-TV (xxx=570-645, in steps of 5, 156 cells)  
JKMxxxN-7TL4-V, (xxx=575-600, in steps of 5, 144 cells)  
JKMxxxN-7TL4-TV, (xxx=575-590, in steps of 5, 144 cells)  
JKMxxxN-72HL4-V, JKMxxxN-72HL4R-V  
(xxx=605-615, in steps of 5, 144 cells)  
JKMxxxN-60HL4-V, JKMxxxN-60HL4R-V  
(xxx=505-510, in steps of 5, 120 cells)  
JKxxxN-66H5-BTV  
(xxx=625-630, 675-700, in steps of 5, 132 cells)  
Continued on Page 68

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

**Dipl.-Ing. Matthias Grzam**



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50416412

Blatt *Sheet*  
0068

Ihr Zeichen *Client Reference*  
L.L.F

Unser Zeichen *Our Reference*  
01-VZJ-50173415 068

Ausstellungsdatum *Date of Issue*  
18.01.2023 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Jinko Solar Co., Ltd.  
No.1, Yingbin Road,  
Economic Development  
Zone, Shangrao City,  
334100 Jiangxi  
P.R. China

Fertigungsstätte *Manufacturing Plant*  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN 61215-1:2016  
EN 61215-2:2017  
EN 61215-1-1:2016  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

### PV Module

In Continuation of Page 67

Type Designations:

JKxxxN-66H5-MWV

(xxx=630-695, in steps of 5, 132 cells)

JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J,

JKMxxxM-72HL4-S-V, JKMxxxM-72HL4-S-V-J

(xxx=575-585, in steps of 5, 144 cells)

JKMxxxM-60HL4-V, JKMxxxM-60HL4-S-V

(xxx=475-485, in steps of 5, 120 cells)

JKMxxxM-54HL4-V, JKMxxxM-54HL4-S-V

(xxx=425-430, in steps of 5, 108 cells)

JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J,

JKMxxxM-72HL4-S-TV, JKMxxxM-72HL4-S-TV-J

(xxx=570-580, in steps of 5, 144 cells)

JKMxxxM-5RL4-V (xxx=410-435, in steps of 5, 108 cells)

JKMxxxN-78HL4-V (xxx=630-650, in steps of 5, 156 cells)

JKMxxxN-78HL4-TV (xxx=630-645, in steps of 5, 156 cells)

Remarks:

- Fire Rating: Class C according to UL 790.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

Dipl.-Ing. Matthias Grzam



# CERTIFICATE OF COMPLIANCE

**Certificate Number** E362479  
**Report Reference** E362479-20200410  
**Date** 2023-March-10

**Issued to:** JINKO SOLAR CO LTD  
No.1, Yingbin Road, Economic Development Zone  
Shangrao Jiangxi 334100 CN

**This is to certify that representative samples of** PHOTOVOLTAIC MODULES AND PANELS WITH SYSTEM VOLTAGE RATINGS OVER 600 VOLTS  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

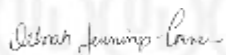
**Standard(s) for Safety:** See Addendum Page for Standard(s) for Safety

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

  
Deborah Jennings-Conner, VP Regulatory Services

UL LLC



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E362479  
**Report Reference** E362479-20200410  
**Date** 2023-March-10

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

## Product Designation(s).

\*JKM395M-72HL-V-Q, JKM400M-72HL-V-Q, JKM405M-72HL-V-Q, JKM410M-72HL-V-Q, JKM415M-72HL-V-Q, JKM420M-72HL-V-Q

JKM395M-72HL-V, JKM400M-72HL-V, JKM405M-72HL-V, JKM410M-72HL-V, JKM415M-72HL-V, JKM420M-72HL-V.

JKM495M-7TL4-V, JKM500M-7TL4-V, JKM505M-7TL4-V, JKM510M-7TL4-V, JKM515M-7TL4-V, JKM520M-7TL4-V, JKM525M-7TL4-V, JKM530M-7TL4-V, JKM535M-7TL4-V, JKM540M-7TL4-V.

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JKM420M-72HLM-V, JKM425M-72HLM-V, JKM430M-72HLM-V, JKM435M-72HLM-V, JKM440M-72HLM-V, JKM445M-72HLM-V, JKM450M-72HLM-V, JKM455M-72HLM-V, JKM460M-72HLM-V.

JKM385N-72H-MBB-V, JKM390N-72H-MBB-V, JKM395N-72H-MBB-V, JKM400N-72H-MBB-V, JKM405N-72H-MBB-V, JKM410N-72H-MBB-V, JKM415N-72H-MBB-V, JKM420N-72H-MBB-V, JKM425N-72H-MBB-V.

\*

JKM330M-60HL-V-Q, JKM335M-60HL-V-Q, JKM340M-60HL-V-Q, JKM345M-60HL-V-Q, JKM350M-60HL-V-Q

JKM330M-60HL-V, JKM335M-60HL-V, JKM340M-60HL-V, JKM345M-60HL-V, JKM350M-60HL-V

JKM330M-6TL3-V, JKM335M-6TL3-V, JKM340M-6TL3-V, JKM345M-6TL3-V, JKM350M-6TL3-V, JKM355M-6TL3-V, JKM360M-6TL3-V, JKM365M-6TL3-V.

JKM330M-6TL3-B-V, JKM335M-6TL3-B-V, JKM340M-6TL3-B-V, JKM345M-6TL3-B-V, JKM350M-6TL3-B-V, JKM355M-6TL3-B-V, JKM360M-6TL3-B-V, JKM365M-6TL3-B-V.

JKM415M-6TL4-V, JKM420M-6TL4-V, JKM425M-6TL4-V, JKM430M-6TL4-V, JKM435M-6TL4-V, JKM440M-6TL4-V, JKM445M-6TL4-V, JKM450M-6TL4-V.

*Deborah Jennings-Conner*

Deborah Jennings-Conner, VP Regulatory Services

UL LLC



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E362479  
**Report Reference** E362479-20200410  
**Date** 2023-March-10

JKM420M-60HL4-V, JKM425M-60HL4-V, JKM430M-60HL4-V, JKM435M-60HL4-V,  
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JKM350M-60HLM-V, JKM355M-60HLM-V, JKM360M-60HLM-V, JKM365M-60HLM-V, JKM370M-  
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JKM330N-6TL3-V, JKM335N-6TL3-V, JKM340N-6TL3-V, JKM345N-6TL3-V, JKM350N-6TL3-V,  
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\*JKM405M-78H-V, JKM410M-78H-V, JKM415M-78H-V, JKM420M-78H-V, JKM425M-78H-V,  
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JKM430M-7RL3-V, JKM435M-7RL3-V, JKM440M-7RL3-V, JKM445M-7RL3-V, JKM450M-7RL3-V,  
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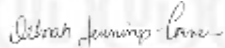
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66H-V-Q, JKM365M-66H-V-Q, JKM370M-66H-V-Q.

  
Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E362479  
**Report Reference** E362479-20200410  
**Date** 2023-March-10

JKM455M-6RL4-V, JKM460M-6RL4-V, JKM465M-6RL4-V, JKM470M-6RL4-V, JKM475M-6RL4-V,  
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\*JKM525N-72HL4-V, JKM530N-72HL4-V, JKM535N-72HL4-V, JKM540N-72HL4-V, JKM545N-  
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*Deborah Jennings-Conner*

Deborah Jennings-Conner, VP Regulatory Services

UL LLC



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E362479  
**Report Reference** E362479-20200410  
**Date** 2023-March-10

JKM565M-78HL4-V, JKM570M-78HL4-V, JKM575M-78HL4-V, JKM580M-78HL4-V, JKM585M-78HL4-V, JKM590M-78HL4-V, JKM595M-78HL4-V, JKM600M-78HL4-V, JKM605M-78HL4-V

JKM370M-72HBL-V, JKM375M-72HBL-V, JKM380M-72HBL-V, JKM385M-72HBL-V, JKM390M-72HBL-V, JKM395M-72HBL-V, JKM400M-72HBL-V, JKM405M-72HBL-V, JKM410M-72HBL-V, JKM415M-72HBL-V, JKM420M-72HBL-V.

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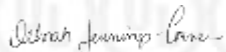
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**Certificate Number** E362479  
**Report Reference** E362479-20200410  
**Date** 2023-March-10

JKM630N-78HL4R-V, JKM635N-78HL4R-V, JKM640N-78HL4R-V, JKM645N-78HL4R-V, JKM650N-78HL4R-V.

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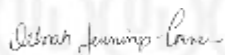
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JKM330M-60HL, JKM335M-60HL, JKM340M-60HL, JKM345M-60HL, JKM350M-60HL.

  
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JKM330M-60HBL, JKM335M-60HBL, JKM340M-60HBL, JKM345M-60HBL, JKM350M-60HBL.

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**Date** 2023-March-10

JKM405M-78HB, JKM410M-78HB, JKM415M-78HB, JKM420M-78HB, JKM425M-78HB, JKM430M-78HB, JKM435M-78HB.

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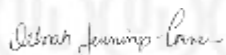
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## Standard(s) for Safety

UL Standard for UL 61730-1, Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction

UL 61730-2, Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing  
CSA C22.2 No. 61730-1:19 December 2019, Photovoltaic (PV) module safety qualification — Part 1: Requirements for construction

CSA C22.2 No. 61730-2:19 December 2019, Photovoltaic (PV) module safety qualification — Part 2: Requirements for testing



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