

Pylon Technologies Co., Ltd.  
Li Lanqiang

Date : 08/14/2023  
Our ref. : Chensc 01  
Your ref.: Li Lanqiang

No. 73, Lane 887, Zu Chongzhi Road,  
Zhangjiang Hi-Tech Park, Pudong  
201203 Shanghai  
P.R. China

**Ref : R TÜV-Mark Approval**

Type of Equipment : LFP Lithium Ion Energy Storage System  
Model Designation : See Certificate  
Certificate No. : R 50597940 0001  
Report No. : CN23X6DB 001

Dear Li Lanqiang,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body



Weichun Li

cc: Pylon Technologies 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.**  
R 50597940

**Blatt Sheet**  
0001

**Ihr Zeichen Client Reference**  
Li Lanqiang

**Unser Zeichen Our Reference**  
01-Chensc-CN23X6DB 001

**Ausstellungsdatum Date of Issue**  
14.08.2023 (day/mo/yr)

**Genehmigungsinhaber License Holder**

Pylon Technologies Co., Ltd.  
No. 73, Lane 887, Zu Chongzhi Road,  
Zhangjiang Hi-Tech Park, Pudong  
201203 Shanghai  
P.R. China

**Fertigungsstätte Manufacturing Plant**

Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111273287

**Geprüft nach Tested acc. to**  
VDE-AR-E 2510-50:2017  
2 PFG 2698/08.19

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

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

Energy Storage system (LFP Lithium Ion Energy Storage System)

|                                                             |                             |    |
|-------------------------------------------------------------|-----------------------------|----|
| Containing Battery cell                                     | : C717                      | 22 |
| Type designation                                            | :                           |    |
| PowerCube-M5A-180-64/zzzV-L15 (zzz=64to1344, in step of 64) | :                           |    |
| PowerCube-M5A-180-64/zzzV-E15 (zzz=64to1344, in step of 64) | :                           |    |
| Maximum charging current [A]                                | : 180                       |    |
| Maximum discharging current [A]                             | : 180                       |    |
| Nominal voltage [Vd.c.]                                     | : 64V*n (where n = 1 to 21) |    |
| Rated Capacity [Ah]                                         | : 245                       |    |
| Charging temperature [°C]                                   | : -8 to 58                  |    |
| Discharging temperature [°C]                                | : -10 to 58                 |    |
| Ideal operating temperature [°C]                            | : 10 to 40                  |    |
| Protection class                                            | : I                         |    |
| Ingress Protection (IP)                                     | : IP20                      |    |
| Altitude [m]                                                | : 4000                      |    |

**Remark(s):**

The installation has to be carried out according to the attached installation instruction.  
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

**ANLAGE (Appendix): 1.0**

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product 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**

**Weichun Li**

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**Anlage Fertigungsstättenliste  
/Attachment List of Factories**



R 50597940 0001

1 Pylon Technologies Co., Ltd.  
Plant 8,  
No.505 Kunkai Road, JinXi Town,  
Kunshan City  
Jiangsu  
P.R. China

2 Pylon Battery Co.,Ltd.  
No.7, Keyan 3rd Road,  
Yizheng Economic Development Zone,  
Yangzhou  
211400 Jiangsu  
P.R. China

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**TÜVRheinland®**

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

Datum / Date 14.08.2023



Zertifizierungsstelle  
/ Certification Body

A handwritten signature in blue ink.  
Weichun Li