

Compatibility List of Pylontech High Voltage ESS and Inverters Ver.2.40.xlsx

High Voltage ESS

Last Update: 2025/8/15

Inverter Brand	Inverter Type	FH1 Stackable Module Quantity	Battery FH2 Stackable Module Quantity	FH3 Stackable Module Quantity	COMM.	Application	Key Features		Firmware Ver	Installation
							Activation	Force Charge		
Ingeteam Power Technology	ISS 1Play 3TL / 6TL	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003_Q(dis)	Wall mounting
Ingeteam Power Technology	ISS 1Play 3TL M / 6TL M	2-7	1-4	2-3	CAN	On/off-grid	Yes	Yes	ABH1007_A ABH1003_Q(dis)	Wall mounting
Solis	RHI-3P-HVES-5G series	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(5-10)K-H-EU	3-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH1P(3.8-11.4)K-H-US	3-7	2-4	2-4	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(12-20)K-H	3-7	2-5	2-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(29.9-50)K-H	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(30-60)K-H-US	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes		Wall mounting
SMA [®] Solar Technology AG	SBS 3.7-10 - SBS6.0-10(1)	3-7	2-4	N/A	CAN	On/off-grid	Yes	Yes	04.04.03.R(1) 3.12.15.R(2)	Wall mounting
SMA [®] Solar Technology AG	SBSE3.6/4.0/5.0/6.0/8.0/9.9-50(2)	N/A	N/A	2-4	CAN	On/off-grid	Yes	Yes	04.04.03.R(1) 3.12.15.R(2)	Wall mounting
SMA [®] Solar Technology AG	Sunny Island X series	N/A	N/A	N/A	CAN	On/off-grid	Yes	Yes	04.04.03.R(1) 3.12.15.R(2)	Wall mounting
KOSTAL [®] Industrie Elektrik GmbH	PLENTICORE plus	3-7	2-4	2-4	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL [®] Industrie Elektrik GmbH	PLENTICORE plus G2	3-7	2-4	2-5	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL [®] Industrie Elektrik GmbH	PLENTICORE BI xx/26	3-7	2-4	2-5	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL [®] Industrie Elektrik GmbH	PLENTICORE BI xx/26 G2	3-7	2-4	2-5	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL [®] Industrie Elektrik GmbH	PLENTICORE G3	3-7	2-4	2-5	RS485	On/off-grid	Yes	Yes		Wall mounting
KACO	NH3 Series	3-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Sungrow	SH5.0/6.0/8.0/10.0RT	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	SAPPHIRE- H_V11_V01_A	Wall mounting
Delios s.r.l.	DLX HV series	5-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Goodwe [®]	EH/BH series	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe [®]	ET 5-10	5-7	3-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe [®]	ET 15-30	N/A	N/A	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe [®]	ET G2 series	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe [®]	ET 40~50	N/A	N/A	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
EATON	xStorage Home 3P Series	5-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
SolarMax	ES-T Series	5-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Deye(Sunsynk) [®]	SUN-5~25K-SG01HP3-EU/AU	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting
Deye(Sunsynk) [®]	SUN-29.9~50K-SG01HP3-EU/AU	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting
Sol-Ark	30K-3P-208V-N	4-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	1066	Wall mounting
Sol-Ark	60K-3P-480V-N	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	1066	Wall mounting
Lux Power	Hybrid HB series	3-7	2-4	2-4	CAN	On/off-grid	Yes	Yes		Wall mounting
Sofar	HYD 10000/15000/20000 TL-3PH	5-7	3-5	2-7	CAN	On/off-grid	Yes	Yes	FW: D0110036 DSP: V010027	Wall mounting
Sunways	STH-4-12KTL-HT series	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting
Sunways	STH-3-8KTL-HS series	2-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting
Sunways	STR-4-12KTL-HT series	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting
Sunways	STR-3-8KTL-HS series	2-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting

Please note that compatibility testing with various inverter brands is currently underway. The list will be updated regularly.
For any inquiries, please contact: service@pylontech.com.cn

 Flexible Expansion

 Reliable Performance

 High Compatibility

 Proven Safety

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							Activation	Force Charge		
eCACTUS	WH-SPA-3.68H(1)	2-7	2-4	2-4	Modbus RTU	On/off-grid	Yes	Yes	21426-004R(1) 21426-005R(1) 511-00007-03(2)	Wall mounting
eCACTUS	WH-SPA-5.0H(1)	2-7	2-4	2-4	Modbus RTU	On/off-grid	Yes	Yes		Wall mounting
eCACTUS	WH-SHC series(2)	2-7	1-4	2-4	Modbus RTU	On/off-grid	Yes	Yes		Wall mounting
eCACTUS	WH-THA series(2)	4-7	2-5	2-6	Modbus RTU	On/off-grid	Yes	Yes		Wall mounting
Senergy	SE 3K~6KHB-HV	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	V010000	Wall mounting
Senergy	SE 5K~30KHB-D3	3-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	V010000	Wall mounting
Salicru S.A.	EQX2 3001-8002-HSX series	2-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	V1 . 28 . 45 . 04 . 00	Wall mounting
Salicru S.A.	EQX2 4002-12002-HT series	5-7	3-5	2-6	CAN	On/off-grid	Yes	Yes	V1 . 28 . 45 . 04 . 00	Wall mounting
HYPONTECH	HHS series(1)	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	Ver.23(1)	Wall mounting
HYPONTECH	HBS series(1)	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	Ver.23(1)	Wall mounting
HYPONTECH	HHT series(2)	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	Ver.29(2)	Wall mounting
HYPONTECH	HBT series(2)	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	Ver.29(2)	Wall mounting
AIISWEI(Solplanet)	ASW06H/08H/10H/12H/15H-T1(1)	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	DSP:1.04.00(1)	Wall mounting
AIISWEI(Solplanet)	ASW05KH/06KH/08KH/10KH/12KH-T2(2)	3-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	ARM:V610-60005-02(1)	Wall mounting
AIISWEI(Solplanet)	ASW08KH/10KH/12KH-T3(2)	3-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	V610-05001-00(2)	Wall mounting
SOLINTEG	MHT-4~20K Series	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
SOLINTEG	MHT-25~50K Series	3-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
SOLINTEG	MHS-3~8K Series	2-7	2-4	1-4	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-3~8KTL-HS Series	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-4~20KTL-HT Series	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-25~50KTL-HT Series	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
MEGAREVO	R6~15KH3 Series	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	ARM:V1.02.13 DSP:V1.03.14	Wall mounting
MEGAREVO	R5~12KH1NA Series	2-7	2-3	2-3					ARM:V1.01.41 DSP:V1.02.20	
Hoymiles	HYT-HV Series	5-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	Power - V00.04.07 Safety - V00.04.06 System - V00.02.18	Wall mounting
	HAT-HV Series	5-7	2-5	2-5						
KOYOE	KY-EST06KH-KY-EST20KH	5-7	3-5	6-10K:2-4 12-20K:2-6	CAN	On/off-grid	Yes	Yes	320701	Wall mounting
INVT	XD5~12KTR	3-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	208-208-0-319	Wall mounting
Afore	AF3~9.6K-DH Series	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~30K-TH Series	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~12K-THP Series	2-7	1-5	2-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~17K-THA Series	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~6K-THC Series	2-7	1-5	2-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~15K-THM Series	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~7K-THMA Series	3-7	2-5	2-4	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~30K-TH-0 Series	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~12K-THP-0 Series	2-7	1-5	2-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting

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							Activation	Force Charge		
Afore	AF3~15K-THM-0 Series	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~7K-THMA-0 Series	3-7	2-5	2-4	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Solavita	SWH3000 ~ 6000H-S1	2-7	1-5	2-5	CAN	On/off-grid	Yes	Yes	V0.8.10/V2.0.5	Wall mounting
Solavita	SWH005 ~ 15KH-T1	5-7	3-5	3-7	CAN	On/off-grid	Yes	Yes	V0.8.10/V2.0.5	Wall mounting
AUXSOL	ASG-3.6~6SL-ZH Series	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	A2507	Wall mounting
AUXSOL	ASG-5~12TL-ZH Series	5-7	3-5	3-7	CAN	On/off-grid	Yes	Yes	A2507	Wall mounting
Dream Maker	PCS-3-4~20kW-25(40)A-1	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
Dream Maker	PCS-1-3~8kW-30A-1	2-7	1-4	2-4	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
SAJ	H2-3K~6K-S2	2-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting
SAJ	H2-5K~10K-T2	5-7	3-5	2-5	CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting
SINENG	SN3.0-6.0HS series(1)	2-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	000004007(1)	Wall mounting
SINENG	SN5.0-15HT series(2)	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	000001011(2)	Wall mounting
YI ENERGY	HI-3P5K-H-Y1	5-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	DSPM:00.00.02.00; DSPS:00.00.01.01; ARM:00.01.01.08;	Wall mounting
YI ENERGY	HI-3P6K-H-Y1	5-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
YI ENERGY	HI-3P8K-H-Y1	5-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
YI ENERGY	HI-3P10K-H-Y1	5-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
YI ENERGY	HI-3P12K-H-Y1	5-7	2-5	2-5	CAN	On/off-grid	Yes	Yes		Wall mounting
LEDIT	FVDx series	5-7	2-4	2-4	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Sinexcel-Isuna	Isuna 5000T ~ 20000T	4-7	2-5	2-6	CAN	On/off-grid	Yes	Yes	ARM 1.01 (for D5-12K-TH and 5000T ~ 20000T) ARM 2.0 (for D5-12K-SH)	Wall mounting
Sinexcel-Isuna	Isuna D5-12K-SH	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Sinexcel-Isuna	Isuna D5-12K-TH	4-7	2-5	2-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Tsun	TSOL-H/A-3.0~6.0K-H	3-7	2-3	2-3	CAN	On/off-grid	Yes	Yes	DSP:V1.0; ARM:V1.14	Wall mounting
Yelon	HV6K~12K-3H	4-7	2-5	2-5	CAN	On/off-grid	Yes	Yes	SV02.02.007	Wall mounting
GMDE	TB5200TD	3-7	2-4	2-4	CAN	On-grid	Yes	Yes	1.0.3	Wall mounting

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							Activation	Force Charge		
SMA ^a Solar Technology AG	Sunny Island X series	Powercube M1C/M2/M3/M5/M7/M8			CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe ^b	ET 15-30				CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe ^b	ET 40-50				CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(29.9-50)K-H				CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(30-60)K-H-US				CAN	On/off-grid	Yes	Yes		Wall mounting
SOLINTEG	MHT-25~50K Series				CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-25-50KTL-HT Series				CAN	On/off-grid	Yes	Yes		Wall mounting
Deye(Sunsynk) ^a	SUN-29.9-50K-SG01HP3-EU/AU				CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting
Voltronic	Infinisolar TX-PA 30K				Modbus RTU	On/off-grid	Yes	Yes	2008.27.12	Cabinet
Blue Mountain Energy	BME-20				Modbus RTU	On/off-grid	Yes	Yes	2021/1/27	Cabinet
Blue Mountain Energy	BME-30				Modbus RTU	On/off-grid	Yes	Yes	DSP:2101.2212 MCU:2011.1712	Cabinet
ATESS	HPS30/50/100/120/150				CAN	On/off-grid	Yes	Yes	HPS30K_150K_HV3_SV 9.1.39	Cabinet
MEGAREVO	MPS0030-0500 Series				CAN	On/off-grid	Yes	Yes	V302B400D014	Cabinet
	MEGA0030-0500TS Series MEGA0500/MEGA0630								V102B500D014	
Growocol	GW-MPS0030-0500 Series				CAN	On/off-grid	Yes	Yes	V302B400D014	Cabinet
Efacec	Battery Inverter				Customize d with additional EMS	On/off-grid				Cabinet
Ferroamp	EnergyHub									
Pramac	PBI Series									
Delta	PCS125HV									
Delta	EPCS Series									
Sinexcel	PWS/PWG series									
Kehua	BCS series									
^a When compatible with Deye hybrid inverter mentioned in the list above, make sure the Battery Controller firmware is as below or higher: (1) Force-H1/H2: V1.7; (2) Force-H1/H2-V2: V1.1; (3) Powercube-X/H: V5.7; Powercube-X/H-V2: V1.2. ^b Only Force-H1-V2 and Force-H2-V2 are compatible with SMA Sunny Boy Storage inverters mentioned in the list above. Only Force-H3 (BMS firmware version ≥ 1.6) is compatible with SMA Sunny Boy Smart Energy inverters mentioned in the list above. Only Powercube-M1C and Powercube-M5 are compatible with Sunny Island X series. ^c Only Force-H1-V2 and Force-H2-V2, Force-H3 are compatible with Kostal PLENTICORE series inverter mentioned in the list above. ^d Only Powercube X/H and Powercube X/H V2 series are compatible with CE+T inverter mentioned in the list above.										