Compatibility List of Pylontech High Voltage ESS and Inverters Ver.2.43.xlsx

High Voltage ESS

Last Update: 2026/5/1

Inverter Brand	Inverter Type	Battery				COMM.	Application	Key Features		Firmware Ver	Installation
		FH1 Stackable Module Quantity	FH2 Stackable Module Quantity	FH3 Stackable Module Quantity	RM[f] Stackable Module Quantity			Activation	Force Charge		
Ingeteam Power Technology	ISS 1Play 3TL / 6TL	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003_Q(disp)	Wall mounting
Ingeteam Power Technology	ISS 1Play 3TL M / 6TL M	2-7	1-4	2-3	3-4	CAN	On/off-grid	Yes	Yes	ABH1007_A ABH1003_Q(disp)	Wall mounting
Solis	RHI-3P-HVES-5G series	4-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(5-10)K-H-EU	3-7	2-5	2-5	2-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH1P(3.8-11.4)K-H-US	3-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(12-20)K-H	3-7	2-5	2-7	2-9	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(29.9-50)K-H	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes		Wall mounting
Solis	S6-EH3P(30-60)K-H-US	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes		Wall mounting
SMA[b] Solar Technology AG	SBS 3.7-10 - SBS6.0-10(1)	3-7	2-4	N/A	N/A	CAN	On/off-grid	Yes	Yes	04.04.03.R(1) 3.12.15.R(2)	Wall mounting
SMA[b] Solar Technology AG	SBSE3.6/4.0/5/0/6.0/8.0/9.9-50(2)	N/A	N/A	2-4	N/A	CAN	On/off-grid	Yes	Yes	04.04.03.R(1) 3.12.15.R(2)	Wall mounting
KOSTAL[c] Industrie Elektrik GmbH	PLENTICORE plus	3-7	2-4	2-4	N/A	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL[c] Industrie Elektrik GmbH	PLENTICORE plus G2	3-7	2-4	2-5	N/A	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL[c] Industrie Elektrik GmbH	PLENTICORE BI xx/26	3-7	2-4	2-5	N/A	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL[c] Industrie Elektrik GmbH	PLENTICORE BI xx/26 G2	3-7	2-4	2-5	N/A	RS485	On/off-grid	Yes	Yes		Wall mounting
KOSTAL[c] Industrie Elektrik GmbH	PLENTICORE G3	3-7	2-4	2-5	N/A	RS485	On/off-grid	Yes	Yes		Wall mounting
KACO	NH3 Series	3-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Sungrow	SH5.0/6.0/8.0/10.0RT	4-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	SAPPHIRE-H_V11_V01_A	Wall mounting
MIDAC	MHS/MHT series	5-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Goodwe[e]	EH/BH series	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe[e]	ET 5-10	5-7	3-5	2-5	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe[e]	ET 15-30	N/A	N/A	3-7	N/A	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe[e]	ET G2 series	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe[e]	ET 40~50	N/A	N/A	3-7	N/A	CAN	On/off-grid	Yes	Yes		Wall mounting
EATON	xStorage Home 3P Series	5-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
SolarMax	ES-T Series	5-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Deye(Sunsynk)[a]	SUN-5~25K-SG01HP3-EU/AU	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting
Deye(Sunsynk)[a]	SUN-29.9~50K-SG01HP3-EU/AU	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting
Sol-Ark	30K-3P-208V-N	4-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	1066	Wall mounting
Sol-Ark	60K-3P-480V-N	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	1066	Wall mounting
Lux Power	Hybrid HB series	3-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes		Wall mounting
Sofar	HYD 10000/15000/20000 TL-3PH	5-7	3-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	FW: D0110036 DSP: V010027	Wall mounting
Sunways	STH-4-12KTL-HT series	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting
Sunways	STH-3-8KTL-HS series	2-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting
Sunways	STR-4-12KTL-HT series	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting
Sunways	STR-3-8KTL-HS series	2-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting

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		FH1 Stackable Module Quantity	FH2 Stackable Module Quantity	FH3 Stackable Module Quantity	RM[f] Stackable Module Quantity			Activation	Force Charge		
eCACTUS	WH-SPA-3.68H(1)	2-7	2-4	2-4	3-5	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	3-5	Modbus RTU	On/off-grid	Yes	Yes		Wall mounting
eCACTUS	WH-SHC series(2)	2-7	1-4	2-4	3-5	Modbus RTU	On/off-grid	Yes	Yes		Wall mounting
eCACTUS	WH-THA series(2)	4-7	2-5	2-6	3-8	Modbus RTU	On/off-grid	Yes	Yes		Wall mounting
Senergy	SE 3K~6KHB-HV	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	V010000	Wall mounting
Senergy	SE 5K~30KHB-D3	3-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	V010000	Wall mounting
Salicru S.A.	EQX2 3001-8002-HSX series	2-7	2-4	2-4	3-5	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	3-8	CAN	On/off-grid	Yes	Yes	V1 . 28 . 45 . 04 . 00	Wall mounting
HYPONTECH	HHS series(1)	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	Ver.23(1)	Wall mounting
HYPONTECH	HBS series(1)	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	Ver.23(1)	Wall mounting
HYPONTECH	HHT series(2)	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	Ver.29(2)	Wall mounting
HYPONTECH	HBT series(2)	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	Ver.29(2)	Wall mounting
AISWEI(Solplanet)	ASW06H/08H/10H/12H/15H-T1	4-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	DSP:1.04.00	Wall mounting
AISWEI(Solplanet)	ASW05kH/06kH/08kH/10kH/12kH-T2(-DG)	3-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	V610-05001-00	Wall mounting
AISWEI(Solplanet)	ASW08kH/10kH/12kH-T3(-DG)	3-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	V610-05001-00	Wall mounting
SOLINTEG	MHT-4~20K Series	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
SOLINTEG	MHT-25~50K Series	3-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
SOLINTEG	MHS-3~8K Series	2-7	2-4	1-4	2-5	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-3~8KTL-HS Series	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-4~20KTL-HT Series	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
ETEK	ETH-25~50KTL-HT Series	4-7	2-5	2-6	3-8	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
MEGAREVO	R6~15KH3 Series	4-7	2-5	2-5	3-7	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	3-4					ARM:V1.01.41 DSP:V1.02.20	
Hoymiles	HYT-HV Series	5-7	2-5	2-5	3-7	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	3-7						
KOYOE	KY-EST06KH~KY-EST20KH	5-7	3-5	6-10K:2-4 12-20K:2-6	6-10K:3-5 12-20K:3-8	CAN	On/off-grid	Yes	Yes	320701	Wall mounting
INVT	XD5~12KTR	3-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	208-208-0-319	Wall mounting
Afore	AF3~9.6K-DH Series	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~30K-TH Series	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~12K-THP Series	2-7	1-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~17K-THA Series	4-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~6K-THC Series	2-7	1-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~15K-THM Series	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~7K-THMA Series	3-7	2-5	2-4	3-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~30K-TH-0 Series	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~12K-THP-0 Series	2-7	1-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting

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		FH1 Stackable Module Quantity	FH2 Stackable Module Quantity	FH3 Stackable Module Quantity	RM[f] Stackable Module Quantity			Activation	Force Charge		
Afore	AF3~15K-THM-0 Series	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Afore	AF3~7K-THMA-0 Series	3-7	2-5	2-4	3-5	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Solavita	SWH3000 ~ 6000H-S1	2-7	1-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	V0.8.10/V2.0.5	Wall mounting
Solavita	SWH005 ~ 15KH-T1	5-7	3-5	3-7	4-9	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	3-5	CAN	On/off-grid	Yes	Yes	A2507	Wall mounting
AUXSOL	ASG-5~12TL-ZH Series	5-7	3-5	3-7	4-9	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	3-8	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	3-5	CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting
SAJ	H2-3K~6K-S2	2-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting
SAJ	H2-5K~10K-T2	5-7	3-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting
SINENG	SN3.0-6.0HS series(1)	2-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	000004007(1)	Wall mounting
SINENG	SN5.0-15HT series(2)	4-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	000001011(2)	Wall mounting
Sonnex	STH3-8KSH	2-7	1-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	DSP:2612 ARM:2312	Wall mounting
Sonnex	STH5-12KTH	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes	DSP:1209 ARM:1209	Wall mounting
YI ENERGY	HI-3P5K-H-Y1	5-7	2-5	2-5	3-7	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	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
YI ENERGY	HI-3P8K-H-Y1	5-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
YI ENERGY	HI-3P10K-H-Y1	5-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
YI ENERGY	HI-3P12K-H-Y1	5-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes		Wall mounting
LEDIT	FVDx series	5-7	2-4	2-4	3-5	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Sinexcel-Isuna	Isuna 5000T ~ 20000T	4-7	2-5	2-6	3-8	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	3-9	CAN	On/off-grid	Yes	Yes		Wall mounting
Sinexcel-Isuna	Isuna D5-12K-TH	4-7	2-5	2-7	3-9	CAN	On/off-grid	Yes	Yes		Wall mounting
Tsun	TSOL-H/A-3.0~6.0K-H	3-7	2-3	2-3	3-4	CAN	On/off-grid	Yes	Yes	DSP:V1.0; ARM:V1.14	Wall mounting
Yelon	HV6K~12K-3H	4-7	2-5	2-5	3-7	CAN	On/off-grid	Yes	Yes	SV02.02.007	Wall mounting
GMDE	TB5200TD	3-7	2-4	2-4	3-5	CAN	On-grid	Yes	Yes	1.0.3	Wall mounting
Pylontech	FHM-5/8/9.9/10K-HY-1P Serie	2-7	2-4	1-4	2-5	CAN	On-grid	Yes	Yes		Wall mounting
	FHM-10K1/10K2/15K/20K-HY-3P Serie	4-7	2-5	2-6	3-8	CAN	On-grid	Yes	Yes		Wall mounting
	FHM-25/30/50K-HY-3P Serie	3-7	2-5	2-7	3-9	CAN	On-grid	Yes	Yes		Wall mounting

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SMA[b] Solar Technology AG	Sunny Island X series	Powercube M1C/M2/M3/M5/M7/M8/RM				Modbus	On/off-grid	Yes	Yes	3.04.xx.R	Wall mounting
Goodwe[e]	ET 15-30					CAN	On/off-grid	Yes	Yes		Wall mounting
Goodwe[e]	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
Sonnex	STH30-50KTH					CAN	On/off-grid	Yes	Yes	DSP:323 ARM:319	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					Customized 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.

[e] Only Force-H3 and Powercube-M1C are compatible with Goodwe ET 15~30KW/40KW/50KW.

[f] RM serie product system models including: RM-15/22/30/37/45/52/59/67/74-EU/AU.

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