

# Compatibility List of Pylontech ESS and Inverters

Ver.2.24 Last Update: 09/05/2023

Inverter Brand	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver	Installation	
					Activation	Force Charge			
Ingeteam Power Technology	ISS 1Play 3TL M / 6TL M	Powercube X102H1H2 Powercube X102H1H2-V2 Force H1H2 Force H1H2-V2	CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003_Q3(dsp)	Wall mounting	
	ISS 1Play 3TL M / 6TL M		CAN	On/off-grid	Yes	Yes	ABH1007_A ABH1003_Q3(dsp)	Wall mounting	
Sols	RH11P-HVES-50 series(1) RH13P-HVES-50 series(2) SE-EH11P13.8-11.4JH-HJUS		CAN	On/off-grid	Yes	Yes	V08(1) 4000(2)	Wall mounting	
SMA Solar Technology AG	SBS 3.7-10 - SBS5 5-10**		CAN	On/off-grid	Yes	Yes	04.04.03.R	Wall mounting	
KOSTAL Industrie Elektrik GmbH	PLENTICORE plus*** PLENTICORE plus 32** PLENTICORE Bi xw26** PLENTICORE Bi xw26 G2***		RS485	On/off-grid	Yes	Yes	02.08.xxxx	Wall mounting	
Sungrow	SH5.0E 0.8-0.10 DRT		CAN	On/off-grid	Yes	Yes	SAPPHIRE-H_V11_V01_A	Wall mounting	
Deltaco s.r.l.	DLX HV series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting	
Gooden	EHET/8T/8H series		CAN	On/off-grid	Yes	Yes	V14	Wall mounting	
EATON	iStorage Home 3P Series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting	
SolarMax	ES-T Series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting	
Deye(Sunynk)	SUN 5-20K-SG01HP3-EU* SUN 20-30K-SG01HP3-LIS* SUN 25-9-50K-SG01HP3-EU*		CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting	
Lux Power	Hybrid HB series		CAN	On/off-grid	Yes	Yes	V2.6(1) V2.8(2)	Wall mounting	
Redback	RB-HV5(5110000)(1) RB-HV3-AC(1072000)(2)		Modbus RTU	On/off-grid	Yes	Yes	V2.6(1) V2.8(2)	Cabinet	
Solar	HYD 10500/10000/20000 TL 3PH		CAN	On/off-grid	Yes	Yes	FW: D0110036 DSP: V010027	Wall mounting	
Sunways	STH-4-12KTL-HT series STH-3-8KTL-HS series		CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting	
eCARTUS	STR-4-12KTL-HT series STR-3-8KTL-HS series WH-SPA-3.6H(1) WH-SPA-5.0H(1) WH-SHC series(2) WH-THA series(2)		Modbus RTU	On/off-grid	Yes	Yes	21426-00AR(1) 21426-00SR(1) 511-00007-03(2)	Wall mounting	
Senergy	SE 3K-6K-HV SE 9K-30K-HB-03		CAN	On/off-grid	Yes	Yes	V010000	Wall mounting	
Salcro S.A.	EOX2 3001-8002 HSB series EOX2 4002-12002-HT series		CAN	On/off-grid	Yes	Yes	V1.18 - 45.04.00	Wall mounting	
HYPONTECH	HHS series(1) HBS series(1) HHT series(2) HBT series(2)		CAN	On/off-grid	Yes	Yes	Ver 23(1) Ver 20(2)	Wall mounting	
ASWEI	ASW06H08H10H12H15H1-T(1) ASW08H10H08H10H12H15H1-T2(2) ASW08H10H15H1-T3(2)		CAN	On/off-grid	Yes	Yes	DSP:1.04.00(1) ARM:V610-60005-02(1) V610-05001-03(2)	Wall mounting	
SOLNTEG	MHT-4-20K Series MHT-25-50K Series MHS-3-8K Series MRT-4-20K Series MRT-25-50K Series MRS-3-8K Series		CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting	
	ETH-3-8KTL-HS Series ETH-4-20KTL-HT Series ETH-25-50KTL-HT Series		CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting	
MEGAREVO	R6-15KH3 Series RS-120H1NA Series		CAN	On/off-grid	Yes	Yes	ARM:V1.02.13 DSP:V1.03.14	Wall mounting	
Hoymiles	HYT-HV Series HAT-HV Series		CAN	On/off-grid	Yes	Yes	Power - V00.04.07 Safety - V00.04.06 System - V00.02.18	Wall mounting	
KOYDE	KY-EST060H-KY-EST200H		CAN	On/off-grid	Yes	Yes	320701	Wall mounting	
Dream Maker	PCS-3-4-20K-V-25400H PCS-3-4-20K-V-30100H PCS-3-25-50K-V-100A-1		CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting	
SAJ	H2-3K-6K-V2 H2-9K-10K-V2		CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting	
SINENG	SN3-6HSU series		CAN	On/off-grid	Yes	Yes	000003300(ARM)	Wall mounting	
LEDIT	FVDi series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting	
Sermaco	SMT-10K/30K/50K-TL/TH		CAN	On-grid	Yes	Yes	V3.00	Wall mounting	
Imson Energy	S3 74.6H4V		CAN	On/off-grid	Yes	Yes	V1.10	Wall mounting	
Powerway	SPH1000TL3		CAN	On/off-grid	Yes	Yes	V410	Wall mounting	
TS	TSOL-HA-3.0-6.0K-H		CAN	On/off-grid	Yes	Yes	DSP:V1.0; ARM:V1.14	Wall mounting	
GIMDE	T8620TD		CAN	On-grid	Yes	Yes	1.0.3	Wall mounting	
Votronic	Infinisolar TX-PA 30K		Modbus RTU	On/off-grid	Yes	Yes	2008.27.12	Cabinet	
Blue Mountain Energy	BME-30 BME-50		Modbus RTU	On/off-grid	Yes	Yes	21-01-27 DSP:2101.2212 MCU:2011.1712	Cabinet	
SOLNTEG	MHT-25-50K Series MRT-24-50K Series		CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting	
ATESS	HPS3050/1001/20150		Powercube H1H2 Powercube H1H2-V2 Powercube M1M2M3	CAN	On/off-grid	Yes	Yes	HP530K_150K_HV3_SV9.1.3 A	Cabinet
MEGAREVO	MP5000-0500 Series MEGA0003-0500TS Series MEGA0000MEGA0030			CAN	On/off-grid	Yes	Yes	V302800D014 V1028500D014	Cabinet
Growcoo	GW-MP50030-0500 Series	CAN		On/off-grid	Yes	Yes	V302800D014	Cabinet	
Elacac	Battery Inverter	Customized with additional EMS	On/off-grid					Cabinet	
Ferroamp	EnergyHub								
Sungrow	SC series								
Sinercal	PV5P/5V series								
Katus	BCS series								

\*When compatible with Deye hybrid inverter mentioned in the list above, make sure the Battery Controller firmware is as below or higher:

(1) Force-H1H2-V1.7,(2) Force-H1H2-V2-V1.1,(3) Powercube-M1-V1.7, Powercube-M1-V2-V1.2,

\*\*Only Force-H1-V2 and Force-H2-V2 is compatible with SMA Sunny Boy Storage Inverters mentioned in the list above.

\*\*\*Only Force-H1-V2 and Force-H2-V2 is compatible with Kostal PLENTICORE series inverter mentioned in the list above.

Note: Compatible tests with different brands of inverter are continuously, updates of this list will be periodically.  
For any query, please contact: [service@pylontech.com.cn](mailto:service@pylontech.com.cn)



Flexible Expansion



Reliable Performance



High Compatibility



Power Safety

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48V Energy Storage Solution (US2000 / US2000V2 / US3000 / US2000C / US3000C / US5000 / US5000-B / UP5000 / Phantom-S / Force-L1/L2 / Pelio-L)

Inverter Brand	Inverter Type	Communication	Application	Key Features		Firmware Ver	Installation
				Activation	Force Charge		
Victron Energy	Multiplus 48V (via Venus OS)	CAN	On/off-grid*	Yes	Yes	422/V2.15	Wall mounting
	Quattro 48V (via Venus OS)	CAN	On/off-grid*	Yes	Yes	422/V2.15	Wall mounting
SMA Solar Technology AG	SI 4.4-M	CAN	On/off-grid****	No	Yes		Wall mounting
	SI 6.0-H						
	SI 8.0-H						
	SI 6048US						
Schneider-Electric	Conext XW Pro series	CAN	On/off-grid	Yes	Yes	Gateway: V1.06 XW+ Pro: V1.04 (UL) / V1.05 (IEC)	Wall mounting
Goodwe	GW-BP	CAN	On-grid	Yes	Yes		Wall mounting
	SBP GW-ES	CAN	On-grid	Yes	Yes		Wall mounting
	EM	CAN	On-grid	Yes	Yes		Wall mounting
Imeon Energy	IMEON 3.6	CAN	On/off-grid	Yes	Yes	V1.7.6.5	Wall mounting
	IMEON 9.12	CAN	On/off-grid	Yes	Yes	V1.7.6.5	Wall mounting
Studer Innotec	Xtender 48V serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
	VarioString serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
	VarioTrack 48V serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
Selectronic	SPMC 480	CAN	On/off-grid	No	Yes		Wall mounting
	SPMC 481	CAN	On/off-grid	No	Yes		Wall mounting
	SPMC 482	CAN	On/off-grid	No	Yes		Wall mounting
Voltronic	Infinisolar series 48V	RS485(9600)	On/off-grid	Yes	Yes	V1.00	Wall mounting
	Expert series 48V**	RS485(9600)	On/off-grid	Yes	Yes	V2.61	Wall mounting
Sofar	ME3000SP	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting
	HYD series	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting

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Inverter Brand	Inverter Type	Communication	Application	Key Features		Firmware Ver	Installation	
				Activation	Force Charge			
Sermatec	SMT-5K-TL-LV	RS485(9600)/CAN	On/off-grid	Yes	Yes		Wall mounting	
Zucchetti Centro Sistemi	Azzurro 3000SP	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting	
	Azzurro HYD3000/6000-ES	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting	
Solis	RHI series	CAN	On/off-grid	PV only	Yes	90009	Wall mounting	
	RAI series	CAN	On/off-grid	PV only	Yes	90009	Wall mounting	
Redback	SH5000	RS485(115200)	On-grid	PV only	No		Cabinet	
Deye(Sunsynk)	SUN-SG01LP1 series	CAN	On/off-grid	Yes	Yes	V1586	Wall mounting	
	SUN-SG03LP1 series	CAN	On/off-grid	Yes	Yes	V1586	Wall mounting	
Alpha & Outback Energy	SPCIII-5000-48	RS485(9600)	Off-grid	Yes	Yes	91.24	Wall mounting	
	SPCIII-7200-48					45.06		
	SPCIIIS-5000-48					71.1		
Lux Power	LXP 3-6K Hybrid	CAN	On/off-grid	Yes	Yes	AA1.0	Wall mounting	
	ACS series					AA1.0		
	SNA series					AA1.0		
	LXP-LB-EU Series					EA1.0 (for 8K/10K model) fA1.0 (for 12K model)		
	LXP-LB-US Series							
Sungrow	SH5K	CAN	On-grid	Yes	Yes	V13	Wall mounting	
Morningstar	TriStar MPPT in 48V	N/A	On/off-grid	PV only	No	v32b	Wall mounting	
	TriStar MPPT 600V in 48V	N/A	On/off-grid	PV only	No	v32b	Wall mounting	
	TriStar PWM TS-45 in 48V	N/A	On/off-grid	PV only	No	v32b	Wall mounting	
	GS-MPPT-60M/80M/100M-200V*****	CAN	On/off-grid	PV only	No	v2.0	Wall mounting	
Delios s.r.l.	DLS/G series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting	
	DLS/AC series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting	
Ingeteam Power Technology	ISS 1Play TL M series	CAN	On/off-grid	Yes	Yes	ABH1007_D	Wall mounting	
MLT	Oasis 448	N/A	Off-grid	No	Yes	V2.19	Wall mounting	
	Oasis 648	N/A	Off-grid	No	Yes	V2.19	Wall mounting	
Steca	Solarix PLI 5000-48	N/A	Off-grid	Manual	No		Wall mounting	
SAJ	Sunfree series	RS485(9600)	On/off-grid	Yes	Yes	V2.031/V1.037	Wall mounting	
	H1 series	CAN	On/off-grid	Yes	Yes	V2.094/V1.318	Wall mounting	

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Inverter Brand	Inverter Type	Communication	Application	Key Features		Firmware Ver	Installation
				Activation	Force Charge		
SolarMax	ES series	CAN	On/off-grid	No	Yes	A1.30; B1.18; C1.27	Wall mounting
	AC series	CAN	On/off-grid	No	Yes	A1.30; B1.18; C1.27	Wall mounting
Growatt	SPH3000 - 6000	CAN	On/off-grid	No	Yes	RA1.0	Wall mounting
	SPF2000 - 5000 HVM-48/LVM-48P***	RS485(9600)	On/off-grid	No	Yes	GW500.08/502.05/503.03/507.03	Wall mounting
	M2000H/3000H/5000H - 48***	RS485(9600)	On/off-grid	No	Yes	SK001.11/012.06/013.03/035.00	Wall mounting
Sol-Ark	Sol-Ark-5K/8K-48-ST, Sol-Ark-5K-120V, Sol-Ark-8K-120/230V, Sol-Ark-8K-230-1P, Sol-Ark-12K-P, Sol-Ark-12K-3P-380V, Limitless 15K-LV	CAN	On/off-grid	Yes	Yes	V1430	Wall mounting
AXIOMA energy	ISPWM 5000	N/A	On/off-grid	No	No		Wall mounting
	ISMPPT BF 3000 - 5000	N/A	On/off-grid	No	No		Wall mounting
	ISGRID (BF) 3000 - 5000	N/A	On/off-grid	No	No		Wall mounting
Phocos	Any-grid PSW-H-5KW-230/48V	RS485(9600)	On/off-grid	Yes	Yes	V1.00	Wall mounting
Western CO.	LEONARDO PRO 3000/48 Li (via Western LK3)	CAN	On/off-grid	Yes	Yes	V1.1	Wall mounting
EFFEKTA	AX-M1 4000/5000-48 (via Com Box)	RS485(9600)	On/off-grid	Yes	Yes	54.40/74.40	Wall mounting
	AX-K1 4000/5000-48 (via Com Box)	RS485(9600)	On/off-grid	Yes	Yes	14.40/34.40	Wall mounting
	AX-M2 4000/5000-48	RS485(9600)	On/off-grid	Yes	Yes	51.00/72.01	Wall mounting
Kehua	SPH5000-BL	CAN	On-grid	Yes	Yes	V1.00.013	Wall mounting
INVT	BD series	CAN	On/off-grid	Yes	Yes	V1.06	Wall mounting
TBB	Kinergier Pro: CK-II 2.0S-3.0S (1) CK-II 2.0M-3.0M(2) CK-4.0S-8.0S(3)	CAN	On/off-grid	No	Yes	LCD:V1.13 DSP:V1.24(1) LCD:V1.14 DSP:V1.11(2) LCD:V1.28 DSP:V1.30(3)	Wall mounting
	Kinergier ProII: CK-II 3.0M-8.0S			Yes		LCD:V2.00 DSP:V2.00	
	RiO 2KVA - 6KVA(4)			Yes		LCD:V1.11 DSP:V2.06 (1) LCD:V1.04 DSP:V1.03(2)	
	RiO II: 3KVA - 8KVA(2)					LCD:V1.11 DSP:V2.06 MPPT:V1.10(3) LCD:V1.04 DSP:V1.03(4)	
	RiO Sun: 2KVA - 6KVA(3)					LCD:V1.15 DSP:V1.24 MPPT:V1.10 LCD:V1.11 DSP:V1.11 MPPT:V1.10	
	RiO Sun II: 3KVA - 8KVA(4)			Yes		LCD:V1.0 DSP:V1.0	
	Apollo Matrix: 3.0M-5.0S			Yes			
	Apollo Maxx: 2.0M-5.0S			Yes			
EPEVER	Tyrann Series: 10.0S-15.0S	RS485(115200)		Yes	Yes	SV1.73	Wall mounting
	UP3000-HM5041(RTU)					SV1.82	
	UP3000-HM8041(RTU)					SV1.83	
	UP3000-HM5042(RTU)					SV1.84	
	UP5000-HM8042(RTU)						
MUST	PV1800 VHM 3KW - 5.5KW	CAN	On/off-grid	No	Yes	1.17.06	Wall mounting
Moixa	Smart Battery V4 3000	CAN	On-grid	Yes	Yes	V2.2.1	Wall mounting
	GridShare Hub	CAN	On-grid	Yes	Yes	V2.2.1	Wall mounting

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Inverter Brand	Inverter Type	Communication	Application	Key Features		Firmware Ver	Installation
				Activation	Force Charge		
MEGAREVO	RKL1 Series	CAN	On/off-grid	Yes	Yes	ARM: 1.00.28 DSP: 1.01.23	Wall mounting
	R5K/6K/7K/8KLNA	CAN	On/off-grid	Yes	Yes	ARM: 1.03.12 DSP:1.04.11	Wall mounting
AISWEI	ASW3000/3680/4000/5000H-S	CAN	On/off-grid	Yes	Yes	master v610-02001-00	Wall mounting
	ASW3000/3680/4000/5000/6000H-S2					DSP:V610-02003-01 Safety:V610-10008-03	Wall mounting
SOROTEC	REVO II - 48V Series	CAN	On/off-grid	Yes	Yes	Inverter:1.5.4 Control board: 64	Wall mounting
	REVO E PLUS - 48V Series						
	REVO VM II - 48V Series						
	REVO VM PLUS - 48V Series						
FSP Power Solution GmbH	PowerManager series 4-15kW Offgrid PMI III / Zero	RS485(9600)	On/off-grid	Yes	Yes	V1.00 V2.61	Wall mounting
Senergy	SE 4K6/5K/6K/HB-60/120	RS485(9600)*****	On/off-grid	PV only	Yes	0.6.0	Wall mounting
	SE 4K6/5K/6KAC			No	Yes		
Livoltek	Hyper series	CAN	On/off-grid	Yes	Yes	1.78	Wall mounting
	Retro series		Off-grid	Yes	Yes	ARM V0.59 DSP V0.13	Wall mounting
	GF1-3K/5K/48S1						
	BV1-3K/5K/48S1						
Hoymiles	HYS-LV Series	CAN	On/off-grid	Yes	Yes	Power - V01.04.19 and above Safety - V01.02.13 and above System - V00.02.18 and above	Wall mounting
	HAS-LV Series						
EAST	EAHI-3000 ~ 6000-SL	RS485	On/off-grid	Yes	Yes	master V1001, dsp V1004	Wall mounting
LEDIT	FVDi series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting
Growocol	MKS IV 5.6KW -B MKS IV 6KW TWIN MAX II-8000	RS485(9600)	On/off-grid	Yes	Yes		Wall mounting
OPTI-Solar	SP5000 Brilliant series	RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
	SP5000 Regal/Handy Plus	RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
	SP4000/10000 Premium	RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
GMDE	SolDate 3700TTL+BM024	RS485(9600)	On-grid	No	Yes	V2.0.1	Wall mounting

\*When compatible with Victron Multi/Quattro in off-grid application via Venus-device, it is required to have a Victron MPPT or other compatible PV inverter with Victron to avoid the system getting shut down.

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\*\*\*\*When compatible with SMA SI 4.4-M / SI 6.0-H / SI 8.0-H, it's required to follow the min. configuration table from SMA for a guaranteed configuration. The Force L1/L2 is not compatible with SMA SI series.

\*\*\*\*\*When compatible with Senergy inverter, max. configure 1 string of battery system, donot support multiple strings' connection.

\*\*\*\*\*When compatible with GS-MPPT-60M/80M/100M-200V, it requires optional ReadyBMS accessory.

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For any query, please contact: service@pylontech.com.cn

