

Compatibility List of Pylontech ESS and Inverters

Low Voltage 48V Energy Storage Solution

Brand of Inverter	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver.	Installation
					Activation	Force Charge		
Victron Energy	Multiplus 48V (via Venus OS)	US2000 / US3000 / US2000C Phantom-S Force L1 / L2	CAN	On/off-grid	Yes	Yes	422N2.15	Wall mounting
Victron Energy	Quattro 48V (via Venus OS)		CAN	On/off-grid	Yes	Yes	422N2.15	Wall mounting
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
SolaX Power	SK-SU		CAN/RS232	On-grid	PV only	Yes		Wall mounting
SolaX Power	SK-TL		CAN/RS232	On-grid	PV only	Yes		Wall mounting
SolaX Power	SK-BMU		CAN/RS232	On-grid	PV only	Yes		Wall mounting
Goodwe	GW-BP		CAN	On-grid	Yes	Yes		Wall mounting
Goodwe	SBP GW-ES		CAN	On-grid	Yes	Yes		Wall mounting
Goodwe	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 Energy	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
Studer Innotec	VarioString serie		CAN	On/off-grid	Yes	Yes	R652	Wall mounting
Studer Innotec	VarioTrack 48V serie		CAN	On/off-grid	Yes	Yes	R652	Wall mounting
Selectronic	SPMC 480		CAN	On/off-grid	No	Yes		Wall mounting
Selectronic	SPMC 481		CAN	On/off-grid	No	Yes		Wall mounting
Selectronic	SPMC 482		CAN	On/off-grid	No	Yes		Wall mounting
Voltronic	Infinisolar series 48V		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
Voltronic	Axpert series 48V"		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
Sofar	ME3000SP		RS485(115200) /CAN	On-grid	Yes	Yes	V1.2	Wall mounting
Sofar	HYD series		RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting
Sermatec	SMT-5K-TL-LV		CAN	On/off-grid	Yes	Yes		Wall mounting
Zucchetti Centro Sistemi	Azzurro 3000SP		RS485(115200) /CAN	On-grid	Yes	Yes	V1.2	Wall mounting
Zucchetti Centro Sistemi	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
Solis	RAI series		CAN	On/off-grid	PV only	Yes	90009	Wall mounting
Redback	SH5000		RS485(115200)	On-grid	PV only	No		Vertical
Deye(Sunsynk)	SUN-SGO1LP1 series		CAN	On/off-grid	Yes	Yes	V1586	Wall mounting
Deye(Sunsynk)	SUN-SGO3LP1 series		CAN	On/off-grid	Yes	Yes	V1586	Wall mounting
Alpha & Outback Energy	SPC III 5000-48		N/A	Off-grid	Manual	No		Wall mounting
Lux Power	LXP Hybrid		CAN	On-grid	Yes	Yes	AA1.0	Wall mounting
Lux Power	ACS series		CAN	On-grid	Yes	Yes	AA1.0	Wall mounting
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
Morningstar	TriStar MPPT 600V in 48V		N/A	On/off-grid	PV only	No	v32b	Wall mounting
Morningstar	TriStar PWM TS-45 in 48V		N/A	On/off-grid	PV only	No	v32b	Wall mounting
Delios s.r.l.	DLS/C series		CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting
Delios s.r.l.	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
MLT	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	V2.031N1.037N1.037	Wall mounting	
SAJ	H1 series	CAN	On/off-grid	Yes	Yes	V2.094/V1.318	Wall mounting	
SolarMax	ES series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting	
SolarMax	AC series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting	
Growatt	SPH3000 - 6000	CAN	On/off-grid	No	Yes	RA1.0	Wall mounting	
Growatt	SPF2000 - 5000 HVM-48/LVM-48P***	RS485(9600)	On/off-grid	No	Yes	GW500.08/502.05/503.03/507.03	Wall mounting	
Growatt	M2000H/3000H/5000H - 48n*	RS485(9600)	On/off-grid	No	Yes	SK001.11/012.06/013.03/035.00	Wall mounting	
AXIOMA energy	ISPWM 5000	N/A	On/off-grid	No	No		Wall mounting	
AXIOMA energy	ISMPPPT BF 3000 - 5000	N/A	On/off-grid	No	No		Wall mounting	
AXIOMA energy	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(1)	RS485(9600)	On/off-grid	Yes	Yes	54.40/74.40(1) 14.40/34.40(2)	Wall mounting	
EFFEKTA	AX-K1 4000/5000-48(2)	RS485(9600)	On/off-grid	Yes	Yes	54.40/74.40(1) 14.40/34.40(2)	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	

1)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.

2)When compatible with Voltronic Axpert series, only VM III and King two types are available for RS485 communication, for the rest types of Axpert only available for manual settings.

3)When compatible with Growatt SPF/M series corresponding type, according to inverter logic, the depth of discharge(DoD) of battery shall be set to 80% or lower. Otherwise may lead to system shut down and need of manually recharge battery.

Compatibility List of Pylontech ESS and Inverters

Low Voltage 48V Energy Storage Solution

Brand of Inverter	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver.	Installation
					Activation	Force Charge		
TBB	Kinergier Pro Series : CK-II 2.0S-3.0S	US2000 / US3000 / US2000C Phantom-S Force L1 / L2	CAN	On/off-grid	No	Yes	DSP: V1.03C LCD: V1.01B	Wall mounting
TBB	Kinergier Pro Series : CK4.0S-8.0S		CAN	On/off-grid	No	Yes	DSP: V1.23A LCD: V1.21A	Wall mounting
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
Moixa	GridShare Hub		CAN	On-grid	Yes	Yes	V2.2.1	Wall mounting
MEGAREVO	RKL1 Series		CAN	On-grid	Yes	Yes	ARM: 1.00.28 DSP: 1.01.23	Wall mounting
AISWEI	ASW3000/3680/4000/5000H-S		CAN	On-grid	Yes	Yes	master v610-02001-00	Wall mounting
OPTI-Solar	SP5000 Brilliant series		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
OPTI-Solar	SP5000 Regal/Handy Plus		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
OPTI-Solar	SP4000/10000 Premium		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
GMDE	SolDate 3700TL+BMO24		RS485(9600)	On-grid	No	Yes	V2.0.1	Wall mounting

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2)When compatible with Voltronic Aexpert series, only VM III and King two types are available for RS485 communication, for the rest types of Aexpert only available for manual settings.

3)When compatible with Growatt SPF/M series corresponding type, according to inverter logic, the depth of discharge(DoD) of battery shall be set to 80% or lower. Otherwise may lead to system shut down and need of manually recharge battery.

High Voltage 100 - 1000V Energy Storage Solution

Brand of Inverter	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver.	Installation
					Activation	Force Charge		
Ingeteam Power Technology	ISS 1 Play 3TL / 6TL	Powercube X11X2/H1/H2 Force H11H2	CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003_0(disp)	Wall mounting
Ingeteam Power Technology	ISS 1Play 3TL M / 6TL M		CAN	On/off-grid	Yes	Yes	ABH1007_A ABH1003_0(disp)	Wall mounting
Solis	RHI-3P-HVES-5G series		CAN	On/off-grid	Yes	Yes	4002E	Wall mounting
Sungrow	SH5.0/6.0/8.0/10.ORT		CAN	On/off-grid	Yes	Yes	1.1	Wall mounting
Delios s.r.l.	DLX HV series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Goodwe	EH/ET/BT/BH series		CAN	On/off-grid	Yes	Yes	V14	Wall mounting
EATON	xStorage 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
Lux Power	Hybrid FIB series		CAN	On/off-grid	Yes	Yes		Wall mounting
Redback	RB-HVS(ST10000)(1) RB-HVS-AC(SB7200)(2)		Modbus RTU	On/off-grid	Yes	Yes	V2.6(1) V2.9(2)	Cabinet
Sofar	HYD 10000/15000/20000 TL-3PH		CAN	On/off-grid	Yes	Yes	FW: D0110036 DSP: V010027	Wall mounting
SolaX Power	X1/X3-Hybrid HV		CAN	On-grid	Yes	Yes		Wall mounting
Sermatec	SMT-10K130K/50K-TL-TH		CAN	On-grid	Yes	Yes		Wall mounting
Imeon Energy	3/3.7/4.6/5HV		CAN	On/off-grid	Yes	Yes	V1.10	Wall mounting
Growatt	SPH10000TL3		CAN	On/off-grid	Yes	Yes	V410	Wall mounting
Tsun	TSOL-H/A-3.0-6.0K-H		CAN	On/off-grid	Yes	Yes	DSP:V1.0; ARM:V1 14	Wall mounting
GMDE	TB5200TD		CAN	On-grid	Yes	Yes	1.0.3	Wall mounting
Voltronic	Infinisolar TX-PA 30K		Modbus RTU	On/off-grid	Yes	Yes	2008.27.12	Cabinet
ATESS	HPS30/50/100/120/150		CAN	On/off-grid	Yes	Yes	HPS30K_150K_HV3_S V9.1.39	Cabinet
Efacec	Battery Inverter	Powercube H1/H2/M1	Customized with additional EMS	On/off-grid				Cabinet
Ferroamp	EnergyHub							
Sungrow	SC series							
Sinexcel	PWS/PWG series							
Kehua	BCS series							

Please note: Compatibility tests with different brands of inverters are continuously ongoing. This list will be updated periodically. For any queries, please contact service@pylontech.com.cn

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