

## Compatibility List of Pylontech ESS and Inverters

Ver.2.02 Last Update: 16/12/2021

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

Inverter Brand	Inverter Type	Communication	Application	Key Features		Firmware Ver	Installation
				Activation	Force Change		
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
	SI 4.4-M SI 6-DH SI 8-DH						
SMA Solar Technology AG		CAN	On/off-grid***	No	Yes		Wall mounting
Schneider-Electric	Conext XW Pro series	CAN	On/off-grid	Yes	Yes	Gateway, V1.06 XW+ Pro-V1.04 (UB)/V1.05 (EC)	Wall mounting
		CAN	On-grid	Yes	Yes		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
Imecon 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 Innolec	Xtender 48V serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
	VanoString serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
	VanoTrack 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
	Apert series 48V**	RS485(9600)	On/off-grid	Yes	Yes	V2.81	Wall mounting
Solar	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		
Semitec	SMF-5K-TL-LV	CAN	On/off-grid	Yes	Yes		Wall mounting
Zucchetti Centro Sistemi	Azzuro 3000SP	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting
	Azzuro HYD3000/6000-ES	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting
Solis	RM series	CAN	On/off-grid	PV only	Yes	800.09	Wall mounting
	RAM series	CAN	On/off-grid	PV only	Yes	900.09	Wall mounting
Redback	SH5000	RS485(115200)	On-grid	PV only	No		Cabinet
Deye(Sunsynk)	SUNS501LP1 series	CAN	On/off-grid	Yes	Yes	V1586	Wall mounting
	SUNS503LP1 series	CAN	On/off-grid	Yes	Yes	V1586	Wall mounting
Alpha & Outback Energy	SFCII-5000-48	RS485(9600)	Off-grid	Yes	Yes	91.24	Wall mounting
	SFCIII-7200-48					45.05	
	SFCIIIS-5000-48					71.1	
Lux Power	LXP Hybrid	CAN	On-grid	Yes	Yes	AA1.0	Wall mounting
	ACS series	CAN	On-grid	Yes	Yes	AA1.0	Wall mounting
Sungrow	SHK	CAN	On-grid	Yes	Yes	V13	Wall mounting
	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
	TriStar PWM TS-45 in 48V	N/A	On/off-grid	PV only	No	v32b	Wall mounting
Delcos s.r.l.	DLS/C 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 iPlay 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-PJ 5000-48	N/A	Off-grid	Manual	No		Wall mounting
SAJ	Sunfree series	RS485(9600)	On/off-grid	Yes	Yes	V2.03/VI 037	Wall mounting
	H1 series	CAN	On/off-grid	Yes	Yes	V2.094/VI 319	Wall mounting

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				Activation	Force Charge		
SolarMax	ES series	CAN	On/off-grid	No	Yes	A 1.30; B 1.16; C1.27	Wall mounting
	AC series	CAN	On/off-grid	No	Yes	A 1.30; B 1.16; C1.27	Wall mounting
Growatt	SPH3000 - 6000	CAN	On/off-grid	No	Yes	RA1.0	Wall mounting
	SFF2000 - 5000 HV-M-48VLM-48P***	RS485(9600)	On/off-grid	No	Yes	GW500.081502.056503.03.607.03	Wall mounting
	M2000H/5000H/5000H - 48P**	RS485(9600)	On/off-grid	No	Yes	SK001.11/012.0610.13.03.035.00	Wall mounting
AXIOMA energy	ISPMW 5000	N/A	On/off-grid	No	No		Wall mounting
	ISMPT 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 P50W-H-5KW-Z3048 V	RS485(9600)	On/off-grid	Yes	Yes	V1.00	Wall mounting
	LEONARDO PRO 3000/48 LI (via Western LK3)	CAN	On/off-grid	Yes	Yes	V1.1	Wall mounting
EFFEKTA	AX-MT-4000/5000-48(1)	RS485(9600)	On/off-grid	Yes	Yes	54.407/4.40(1) 14.40/34.4(2)	Wall mounting
	AX-K1 4000/5000-48(2)	RS485(9600)	On/off-grid	Yes	Yes	54.407/4.40(1) 14.40/34.4(2)	Wall mounting
Kehua	SPH5000-BL	CAN	On-grid	Yes	Yes	V1.00.013	Wall mounting
	BD series	CAN	On/off-grid	Yes	Yes	V1.06	Wall mounting
TBB	Kingsler Pro Series: CK-II 2.0S-3.0S	CAN	On/off-grid	No	Yes	DSP: V1.03C LCD: V1.01B	Wall mounting
	Kingsler Pro Series: CK4.0 S-8.0S	CAN	On/off-grid	No	Yes	DSP: V1.23A LCD: V1.21A	Wall mounting
MUST	PV1800 VHM 3KW - 5 SKW	CAN	On/off-grid	No	Yes	1.17.06	Wall mounting
	Smart Battery V4 3000	CAN	On-grid	Yes	Yes	V22.1	Wall mounting
Moixa	GridShare Hub	CAN	On-grid	Yes	Yes	V22.1	Wall mounting

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Inverter Brand	Inverter Type	Communication	Application	Key Features		Firmware Ver	Installation
				Activation	Force Charge		
MEGAREVO	RK.L1 Series	CAN	On/off-grid	Yes	Yes	ARM 1.00.28 DSP: 1.01.23	Wall mounting
	AS102000368040005000H-S	CAN	On/off-grid	Yes	Yes	master:4810-02001-010 Inverter:1.9.4	Wall mounting
SOROTEC	REVO II - 48V Series	CAN	On/off-grid	Yes	Yes	Control board: 64	Wall mounting
	REVO E PLUS - 48V Series						
	REVO VM II - 48V Series						
Power Solution GmbH	PowerManager series 4-15kW	RS485(9600)	On/off-grid	Yes	Yes	V1.00 V2.81	Wall mounting
	Offgrid PM II / Zero						
	SR-SU						
	SR-CL						
SoloX Power	SoloX	CANRS232	On-grid	PV only	Yes		Wall mounting
	SoloX	CANRS232	On-grid	PV only	Yes		Wall mounting
Senegy	SE 14S165(60A)B-00120	RS485(9600)****	On/off-grid	Yes	Yes	0.6.0	Wall mounting
	SE 44S165(60A)C		No	Yes			
	Hyper series		Yes	Yes	1.78		Wall mounting
Livolek	Retro series	CAN	On/off-grid	Yes	Yes		Wall mounting
	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
OPTI-Solar	SP4000/10000 Premium	RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
	Soldate 3700T1-4BM024	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.

\*\*When compatible with Victron 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. When using VM III and King, only launch firmware 02.61 or higher can work with Force L 1(L)2.

\*\*\*When compatible with Growatt SPFFM 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.

\*\*\*\*When compatible with SMA SMA 4-M / S18 0-H / S18 0-H, it is required to follow the min. configuration table from SMA for a guaranteed configuration. The Force L 1(L)2 is not compatible with SMA SI series.

\*\*\*\*\*When compatible with Senegy inverter, max. configure 1 string of battery system, don't support multiple strings' connection.

**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)

