

Compatibility List of Pylontech ESS and Inverters

Ver.2.19 Last Update: 04/25/2023

Inverter Brand	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver	Installation	
					Activation	Force Charge			
Ingebeam Power Technology	ISS 1Play 3TL / 6TL	Powercube X1/X2/H1/H2 Force H1/H2 Force H1/H2-V2	CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003 (old ver)	Wall mounting	
	ISS 1Play 3TL M / 6TL M		CAN	On/off-grid	Yes	Yes	ABH1007_A ABH1003 (old ver)	Wall mounting	
Solis	RH1-1P-HVES-5G series(1)		CAN	On/off-grid	Yes	Yes	V08(1) 4000027	Wall mounting	
	RH1-3P-HVES-5G series(2)		CAN	On/off-grid	Yes	Yes	V08(1) 4000027	Wall mounting	
SMA Solar Technology AG	SBS 3.7-10 / SBS6.0-10**		CAN	On/off-grid	Yes	Yes	04.04.03.R	Wall mounting	
KOSTAL Industrie Elektrik GmbH	PLENTICORE plus***		RS485	CAN	On/off-grid	Yes	Yes	02.08.xxxxx	Wall mounting
	PLENTICORE BI xxx2**								
	PLENTICORE BI xxx2b G2***								
Sungrow	SH6.0/6.0/6.0/10.GRT		CAN	On/off-grid	Yes	Yes	SAPPHIRE-H.V11.V01_A	Wall mounting	
Deleco s.r.l.	DLX HV series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting	
Goactive	E-SHET/ET/SH 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	
Daye(Sunynk)	SUN-5-20K-SG01HP3-ELP SUN-20-30K-SG01HP3-LUS*		CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting	
Lux Power	Hybrid HB series		CAN	On/off-grid	Yes	Yes		Wall mounting	
Redback	RB-HV5ST10000(1) RB-HV5-AC(SB7200)(2)		Modbus RTU	On/off-grid	Yes	Yes	V2.6(1) V2.9(2)	Cabinet	
Solar	HYD 10000/15000/20000 TL-3PH		CAN	On/off-grid	Yes	Yes	FW-D011003B DSP-V010027	Wall mounting	
Sunways	STH-4-12KTL-HT series		CAN	On/off-grid	Yes	Yes	ARM_V0054	Wall mounting	
	STH-3-8KTL-HS series								
	STR-4-12KTL-HT series								
eACTUS	WH-SPA-3.68H(1)	Modbus RTU	On/off-grid	Yes	Yes	21426-004R(1) 21426-006R(1) 511-00007-002G	Wall mounting		
	WH-SPA-5.0H(1)								
Saliru S.A.	EDX2-3001-8002 HSB series	CAN	On/off-grid	Yes	Yes	V1.10.00-45_04_00	Wall mounting		
	EDX2-4002-12002 HT series								
HYPONTECH	HHS series(1)	CAN	On/off-grid	Yes	Yes	Ver 24(1) V0729(2)	Wall mounting		
	HBS series(1)								
ASWEI	HBT series(2)	CAN	On/off-grid	Yes	Yes	DSP-1.04.00 ARM-V015-60000-D2	Wall mounting		
	ASW08H08H10H12H15H1-T1								
SOLUNTEG	MHT-4-20K Series	CAN	On/off-grid	Yes	Yes	ARM_V0108	Wall mounting		
	MHT-25-50K Series								
Etek	MHS-3-8K Series	CAN	On/off-grid	Yes	Yes	ARM_V0108	Wall mounting		
	MRT-4-20K Series								
MEGAREVO	MRT-25-50K Series	CAN	On/off-grid	Yes	Yes	ARM_V1.02.13 DSP-V1.03.14 ARM_V1.01.41	Wall mounting		
	MHS-3-8K Series								
Hoy miles	ETH-3-8KTL-HS Series	CAN	On/off-grid	Yes	Yes	DSP-V1.02.20 Power-V00.04.07 Safety-V00.04.06 System-V00.02.18	Wall mounting		
	ETH-4-20KTL-HT Series								
KOYOE	ETH-3-8KTL-HS Series	CAN	On/off-grid	Yes	Yes	320701	Wall mounting		
	ETH-4-20KTL-HT Series								
Dream Maker	RS-120K(1) Series	CAN	On/off-grid	Yes	Yes	ARM_V0108	Wall mounting		
	RS-120K(2) Series								
SAJ	PCS-3-4-20KW-20000K1	CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting		
	PCS-1-3-8KW-30A1								
LEDIT	PCS-3-35-50KW-100A-1	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting		
	H2000K-02								
Sermatec	H2000K-02	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting		
	H2000K-01								
Imeon Energy	SM7100-30K-50K-TL-TH	CAN	On-grid	Yes	Yes	V3.00	Wall mounting		
	3/3, 7/4, 6/5HV								
Glowatt	SPH10000TL3	CAN	On/off-grid	Yes	Yes	V410	Wall mounting		
	TSOL-HA.3.0-6.0K-H								
Sun	TSOL-HA.3.0-6.0K-H	CAN	On/off-grid	Yes	Yes	DSP-V1.0; ARM V1.14	Wall mounting		
	TSOL-HA.3.0-6.0K-H								
GMPF	TB5200TD	CAN	On-grid	Yes	Yes	1.0.3	Wall mounting		
	TB5200TD								
Veronic	Invertere TX-PA 30K	Modbus RTU	On/off-grid	Yes	Yes	2008.27.12	Cabinet		
	BME-20								
Blue Mountain Energy	BME-30	Modbus RTU	On/off-grid	Yes	Yes	DSP-2101.2212 MCU-2011.1712	Cabinet		
	BME-30								
SOLUNTEG	MHT-25-50K Series	CAN	On/off-grid	Yes	Yes	ARM_V0108	Wall mounting		
	MHT-25-50K Series								
ATESS	HPS300-50/100/200/150	CAN	On/off-grid	Yes	Yes	HPS30K_150K_H12_S16(1.39)	Cabinet		
	MPS0030-0500 Series								
MEGAREVO	MEGA0030-0500TS Series	CAN	On/off-grid	Yes	Yes	V302B400D014	Cabinet		
	MEGA0030-0500 Series								
Growcoo	GW.MPS0030-0500 Series	CAN	On/off-grid	Yes	Yes	V302B400D014	Cabinet		
	GW.MPS0030-0500 Series								
Efacec	Battery Inverter	Customized with additional EMS	On/off-grid				Cabinet		
Ferrocamp	EnergyHub								
Sungrow	SC series								
Sinexcel	PWS/PWG series								
Kehua	BCS series								

*When compatible with Daye 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-H1/V2.7, Powercube-XH/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



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48V Energy Storage Solution (US2000 / US2000V2 / US3000 / US2000C / US3000C / US5000 / US5000-B / UP5000 / Phantom-S / Force-L1/L2 / Pelio-L) Ver 2.19 Last Update: 04/25/2023

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	422V2.15	Wall mounting
	Quattro 48V (via Venus OS)	CAN	On/off-grid*	Yes	Yes	422V2.15	Wall mounting
	SI 4.4-M	CAN	On/off-grid***	No	Yes		Wall mounting
	SI 6.0-H						
SMA Solar Technology AG	SI 8.0-H						
	Conext XW Pro series	CAN	On/off-grid	Yes	Yes	Gateway: V1.06 XW+ Pro: V1.04 (UL) / V1.05 (IEC)	Wall mounting
Schneider-Electric	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 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
	Xtender 48V serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
Studer Innotec	VarioShing serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
	VarioTrack 48V serie	CAN	On/off-grid	Yes	Yes	R652	Wall mounting
	SPMC 480	CAN	On/off-grid	No	Yes		Wall mounting
Selectronic	SPMC 481	CAN	On/off-grid	No	Yes		Wall mounting
	SPMC 482	CAN	On/off-grid	No	Yes		Wall mounting
	Infinibar serie 48V	RS485(9600)	On/off-grid	Yes	Yes	V1.00	Wall mounting
Voltronic	Expert serie 48V**	RS485(9600)	On/off-grid	Yes	Yes	V2.61	Wall mounting
	ME3000SP	RS485(115200)/CAN	On-grid	Yes	Yes	V1.2	Wall mounting
Solar	HYD serie	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
	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
Zucchetti Centro Sistemi	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
	SUN-SG01LP1 series	CAN	On/off-grid	Yes	Yes	V1586	Wall mounting
Deye(Sunsynk)	SUN-SG03LP1 series	CAN	On/off-grid	Yes	Yes	V1586	Wall mounting
	SPCIII 5000-48		On/off-grid	Yes	Yes	V1.24	Wall mounting
Alpha & Outback Energy	SPCIII 7200-48		On/off-grid	Yes	Yes	45.06	Wall mounting
	SPCIII 5000-48	RS485(9600)	On/off-grid	Yes	Yes	71.1	Wall mounting
	LXP 3-6K Hybrid		On/off-grid	Yes	Yes	AA1.0	Wall mounting
	ACS series	CAN	On/off-grid	Yes	Yes	AA1.0	Wall mounting
Lux Power	LXP-LB-EU Series	CAN	On/off-grid	Yes	Yes	EA1.0 (for 8K/10K model) FA1.0 (for 12K model)	Wall mounting
	LXP-LB-US Series	CAN	On/off-grid	Yes	Yes		Wall mounting
Sungrow	SH5K	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-48 in 48V	N/A	On/off-grid	PV only	No	v32b	Wall mounting
	DL S/C series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting
Deifos s.r.l.	DLS AC series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting
	BS 1Play TL M series	CAN	On/off-grid	Yes	Yes	ABH1007_D	Wall mounting
Ingeteam Power Technology	Oasis 448	N/A	Off-grid	No	Yes	V2-19	Wall mounting
	Oasis 648	N/A	Off-grid	No	Yes	V2-19	Wall mounting
MLT	Solarix PL1 5000-48	N/A	Off-grid	Manual	No	V2-19	Wall mounting
	Sunfree series	RS485(9600)	On/off-grid	Yes	Yes	V2.031V1.037	Wall mounting
SAJ	HT series	CAN	On/off-grid	Yes	Yes	V2.094V1.318	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	A.1.30; B.1.18; C1.27	Wall mounting
	AC series	CAN	On/off-grid	No	Yes	A.1.30; B.1.18; C1.27	Wall mounting
Growatt	SPH5000 - 6000	CAN	On/off-grid	No	Yes	RA1.0	Wall mounting
	SPF2000 - 5000 HVW-48LVW-48P**	RS485(9600)	On/off-grid	No	Yes	GW500.08/502.05/503.03/507.03	Wall mounting
	M2000H/3000H/5000H - 48V**	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	V1.430	Wall mounting
	ISPWM 5000	N/A	On/off-grid	No	No		Wall mounting
AXIOMA energy	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	Aty-grid/PSW-H-5KW-230/48V	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-M1-4000/5000-48 (via Com Box)	RS485(9600)	On/off-grid	Yes	Yes	54.407/4.40	Wall mounting
	AX-K1-4000/5000-48 (via Com Box)	RS485(9600)	On/off-grid	Yes	Yes	14.40/34.40	Wall mounting
	AK-M2-4000/5000-48	RS485(9600)	On/off-grid	Yes	Yes	51.007/2.01	Wall mounting
	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
	Kinergy Pro Series: CK-II 2.0S-3.0S	CAN	On/off-grid	No	Yes	DSP.V1.03C LCD.V1.01B	Wall mounting
TBB	Kinergy Pro Series: CK4.0S-8.0S	CAN	On/off-grid	No	Yes	DSP.V1.23A LCD.V1.21A	Wall mounting
	PV1800.VHM.3KW-5.5KW	CAN	On/off-grid	No	Yes	1.17.06	Wall mounting
IMUST	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
	ASW3000/3680/4000/5000H-S						
AISWEI	ASW3000/3680/4000/5000/6000H-SZ	CAN	On/off-grid	Yes	Yes	master v6.10-02001-00 DSP:V610-02003-01 Safety:V610-10008-03	Wall mounting
	REVO II - 48V Series		On/off-grid				
	REVO E PLUS - 48V Series		Off-grid				
	REVO VM II - 48V Series						
SOROTEC	REVO VM PLUS - 48V Series	CAN	On/off-grid	Yes	Yes	Inverter: 1.5.4 Control board: 64	Wall mounting
	PowerManager series 4-15kW	RS485(9600)	On/off-grid	Yes	Yes	V1.00 V2.61	Wall mounting
	Offgrid PM III / Zero	RS485(9600)****	On/off-grid	PV only Yes No	Yes Yes Yes	0.6.0	Wall mounting
	SE-4K6/5K/6K/AC		On/off-grid	Yes	Yes	1.78	Wall mounting
Livoltik	Hyper series		On/off-grid				
	Retro series	CAN	Off-grid	Yes	Yes	ARM V0.59 DSP V0.13	Wall mounting
	GFI-3K/5K/48S1						
	BY1-3K/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	EAH1-3000 ~ 6000-SL	RS485	On/off-grid	Yes	Yes	master V1001_dsp V1004	Wall mounting
	FVDI series	CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27	Wall mounting
Growcool	MKS IV 5.6KW-B	RS485(9600)	On/off-grid	Yes	Yes		Wall mounting
	MKS IV 6KW-TWIN	RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
	MAX II-8000	RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32	Wall mounting
	SP-5000 Enlight 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		Wall mounting
	SP-4000/10000 Premium	RS485(9600)	On/off-grid	Yes	Yes		Wall mounting
GMDE	Solidate 3700TL-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.
 ***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 L1/L2.
 ****When compatible with Growatt SP-PFM 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 S14.4-M / S16.0-H / S18.0-H, it is required to follow the min. configuration table from SMA for a guaranteed configuration. The Force L1/L2 is not compatible with SMA SI series.

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Flexible Expansion



Reliable Performance



High Compatibility



Proven Safety