

Compatibility List of Pylontech ESS and Inverters

Ver.2.22 Last Update: 07/05/2023

Inverter Brand	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver	Installation
					Activation	Force Charge		
Ingenium Power Technology	ISS 1Play 3TL / 4TL	Powercube H1/H2 Powercube H1/H2-V2 Force H1/H2 Force H1/H2-V2	CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003_C0(dsp)	Wall mounting
	ISS 1Play 3TL M / 4TL M		CAN	On/off-grid	Yes	Yes	ABH1001_A ABH1003_C0(dsp)	Wall mounting
Sola	RH1-1P-HV-ES-50 series(1) RH1-3P-HV-ES-50 series(2) SE-EM1P3.8-1T-4.9W-44-US		CAN	On/off-grid	Yes	Yes	V08.1 4005(2)	Wall mounting
	SMA Solar Technology AG		SBS 3.7-10 - SBS6.0-1P**	CAN	On/off-grid	Yes	Yes	04.04.03.R
KOSTAL Industrie Elektrik GmbH	PLENTICORE plus*** PLENTICORE plus G2*** PLENTICORE B1 av26*** PLENTICORE B1 av26 G2***		RS485	On/off-grid	Yes	Yes	02.08.xxxxx	Wall mounting
	Sungrow		SH6-GR-018-010-RT	CAN	On/off-grid	Yes	Yes	SAPPHIRE-H_V11_V01_A
Delco S.A.	DLX HV series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Gooden	EHET/ET/SH series		CAN	On/off-grid	Yes	Yes	V14	Wall mounting
EATON	vStorage 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-ELP* SUN-20-30K-SG01HP3-ELP* SUN-20-9-50K-SG01HP3-ELP*		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-HV5(1)1000(1) RB-HV5-PC(5)200(2)		Modbus RTU	On/off-grid	Yes	Yes	V2.6(1) V2.6(2)	Cabinet
Solar	HYD 1000/1500/2000/3000/3PH		CAN	On/off-grid	Yes	Yes	FW: D0110036 DSP: V010027	Wall mounting
Sunways	STR-4-12KTL-HT series STR-3-8KTL-HS series		CAN	On/off-grid	Yes	Yes	ARM_V0054	Wall mounting
	STR-3-8KTL-HS series WH-3P-3.8PH(1) WH-SPA-5.0PH(1) WH-3P-4C series(2) WH-THA series(2)		Modbus RTU	On/off-grid	Yes	Yes	V1426-004R(1) V1426-005R(1) 511-00007-03(2)	Wall mounting
eCACTUS	SE 3K-6KH-HV SE 9K-3KH-H3		CAN	On/off-grid	Yes	Yes	V010000	Wall mounting
Sakou S.A.	EOX2 3001-8002-HSX series EOX2 4002-12002-HT series		CAN	On/off-grid	Yes	Yes	V1.08_45_04_00	Wall mounting
HYPONTECH	HHS series(1) HBS series(1) HFT series(2) HBT series(2)		CAN	On/off-grid	Yes	Yes	Ver.2K(1) Ver.2K(2)	Wall mounting
	ASWEI		ASW06H08H10H12H15H1T(1) ASW08H10H12H15H17H21Z(2) ASW08H10H12H15H17H21Z(2)	CAN	On/off-grid	Yes	Yes	DSP1:04.00(1) ARMV10-60005-02(1) V810-05001-00(2)
SOLNTEG	MHT-4-20K Series MHT-25-50K Series MHS-3-8K Series MRT-25-50K Series MRS-3-8K Series		CAN	On/off-grid	Yes	Yes	ARM_V01(08)	Wall mounting
	ETEK		ETH-3-8KTL-HS Series ETH-4-20KTL-HT Series ETH-25-50KTL-HT Series	CAN	On/off-grid	Yes	Yes	ARM_V01(08)
MEGAREVO	RS-15KH3 Series RS-12KH1A Series		CAN	On/off-grid	Yes	Yes	ARMV1.02.13 DSPV1.05.14 ARMV1.01.41 DSPV1.02.20	Wall mounting
	Hyntiles		HYT-HV Series HAT-HV Series	CAN	On/off-grid	Yes	Yes	Power: V00.04.07 Safety: V00.04.06 System: V00.02.18
KOYOE	KY-EST06KH-KY-EST20KH	CAN	On/off-grid	Yes	Yes	320701	Wall mounting	
Dream Maker	PCS-3-4-20KW-25400V-1 PCS-3-4-20KW-30V-30A-1 PCS-3-25-50KW-100A	CAN	On/off-grid	Yes	Yes	ARM_V01(08)	Wall mounting	
SAJ	H2-3K-6KH-HV H2-5K-10K-HV	CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting	
LEDIT	FVDx series	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting	
Sunmate	SMH10K20K30K-TL-TH	CAN	On-grid	Yes	Yes		Wall mounting	
Innov Energy	312 174.05H1	CAN	On/off-grid	Yes	Yes	V1.10	Wall mounting	
Growatt	SPH1000TL3	CAN	On/off-grid	Yes	Yes	V410	Wall mounting	
Tsun	TSOL-HA-3.0-6-0K-H	CAN	On/off-grid	Yes	Yes	DSP.V1.5.ARM.V1.14	Wall mounting	
GIMDI	TB520TD	CAN	On-grid	Yes	Yes	1.0.3	Wall mounting	
Wattson	Infinisor TX-PA 30K	Modbus RTU	On/off-grid	Yes	Yes	21.07.27 DSP:V1.01.2212	Cabinet	
Blue Mountain Energy	BME-20 BME-30	Modbus RTU	On/off-grid	Yes	Yes	ARM_V01(08)	Wall mounting	
SOLNTEG	MHT-25-50K Series MRT-25-50K Series	CAN	On/off-grid	Yes	Yes	MEU2011.1712	Wall mounting	
ATESS	MPS0030-0500 Series MPS3050/100/120/150	CAN	On/off-grid	Yes	Yes	HPS30K_150K_HV3_SV5V1.3_#	Cabinet	
MEGAREVO	MEGA0030-0500TS Series MEGA0030-MEG-00E30	CAN	On/off-grid	Yes	Yes	V3028400014 V1028500014	Cabinet	
	Growcol	GV-MPS0030-0500 Series	CAN	On/off-grid	Yes	Yes	V3028400014	Cabinet
Elsoac	Battery Inverter							
Faircamp	EnergyHub							
Sungrow	SC Series		Customized with additional EMS	On/off-grid			Cabinet	
Sinexcel	PV90PVD Series							
Kohas	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-H1-V2; (2) Force-H1-H2-V2; V1; (3) Powercube-H1-V2; (4) Powercube-H1-V2; (5) Powercube-H1-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

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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/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-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	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	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	BP series	CAN	On/off-grid	Yes	Yes	V1.06	Wall mounting
TBB	Kinergie Pro Series: CK-112.0S-3.0S	CAN	On/off-grid	No	Yes	DSP: V1.03C LCD: V1.01B	Wall mounting
	Kinergie Pro Series: CK4.0S-8.0S	CAN	On/off-grid	No	Yes	DSP: V1.23A LCD: V1.21A	Wall mounting
EPEVER	UP3000-HM5041(RTU)	RS485(115200)	On/off-grid	Yes	Yes	SV1.73	Wall mounting
	UP3000-HM8041(RTU)					SV1.82	
	UP3000-HM5042(RTU)					SV1.83	
	UP5000-HM8042(RTU)					SV1.84	
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/8K/LNA	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: V610-10003-03	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		Off-grid				
	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				
	GF1-3K/5K/48S1			Yes	Yes	ARM V0.59 DSP V0.13	Wall mounting
	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	EAH1-3000 ~ 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
Growwoc	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 3700T4+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 Voltronic A Expert series, only VM III and King two types are available for RS485 communication, for the rest types of A Expert 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 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.
 ****When compatible with SMA SI 4-M / SI6.0-H / SI8.0-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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