

Compatibility List of Pylontech ESS and Inverters

Ver.2.26 Last Update: 10/15/2023

Inverter Brand	Inverter Type	Battery	Communication	Application	Key Features		Firmware Ver	Installation	
					Activation	Force Charge			
Ingenium Power Technology	ISS 1Play 3TL / 6TL ISS 1Play 3TL M / 6TL M		CAN	On-grid grid	Yes	Yes	ABH1003A ABH1003_C03[5]	Wall mounting	
			CAN	On-grid grid	Yes	Yes	ABH1007_A ABH1003_C03[5]	Wall mounting	
Solis	RH1-1P-HV-E5G series(1) RH3-3P-HV-E5G series(2) SE-EH1P3A.1.14K.1116		CAN	On-grid grid	Yes	Yes	V08.11 4003E2	Wall mounting	
SMA Solar Technology AG	SBS 3.7-10 / SBS6.0-10**		CAN	On-grid grid	Yes	Yes	04.04.03.R	Wall mounting	
KOSTAL Industrie Elektronik GmbH	PLENTICORE plus*** PLENTICORE plus C2*** PLENTICORE B v020*** PLENTICORE B v030 C2***	Powercube V11/23H/42 Powercube V11/23H/42-V2 Force H1/H2 Force H3	RS485	On-grid grid	Yes	Yes	02.08.xxxxx	Wall mounting	
	Sungrow		DHS-D6.0R.010.0BT	CAN	On-grid grid	Yes	Yes	SAPPHIRE H.V1 V01_A	Wall mounting
	Delta s.r.l		DLX HV series	CAN	On-grid grid	Yes	Yes	V3.00	Wall mounting
	Goodwe		EHE TBT/TH series	CAN	On-grid grid	Yes	Yes	V1.4	Wall mounting
EATON	eStorage Home SP Series		CAN	On-grid grid	Yes	Yes	V3.00	Wall mounting	
Solarmax	EST Series		CAN	On-grid grid	Yes	Yes	V3.00	Wall mounting	
Deye(SunnyA)	SAH5-30K-S001HP3-EU* SAH10-30K-S001HP3-EU* SAH3-30K-S001HP3-EU*		CAN	On-grid grid	Yes	Yes	2001-X018	Wall mounting	
Lux Power	H5040 HB series		CAN	On-grid grid	Yes	Yes		Wall mounting	
Redback	RB-HV5(CT10000)(1) RB-HV5-AC(5P10000)		Modbus RTU	On-grid grid	Yes	Yes	V2.6(1) V2.9(2)	Cabinet	
Solar	HYD 15000/15000/20000 TL-3PH		CAN	On-grid grid	Yes	Yes	FW: 05110306 RSP_V010007	Wall mounting	
Sunways	ETH-4-10KTL-HT series ETH3-8KTL-HS series		CAN	On-grid grid	Yes	Yes	ARM_V0054	Wall mounting	
	ETH-4-10KTL-HT series ETH-4-8KTL-HS series		CAN	On-grid grid	Yes	Yes	ARM_V0054	Wall mounting	
eCACTUS	WH-SPA.3.6B(1) WH-SPA.6.0B(1) WH-SHC series(2) WH-TM series(2)		Modbus RTU	On-grid grid	Yes	Yes	V1426-0048(1) V1426-0059(1) V11-00007-03021	Wall mounting	
Senergy	SE-3K-4K04B-HV SE-3K-30K-B-D3		CAN	On-grid grid	Yes	Yes	V010000	Wall mounting	
Salcro S.A	EGK2 3001-8002 H4X series EGK2 4001-10022 H7 series		CAN	On-grid grid	Yes	Yes	V1_28_45_04_00	Wall mounting	
HYPOTECH	HMS series(1) HBT series(1) HBT series(2) HBT series(2)		CAN	On-grid grid	Yes	Yes	V6.2.5 V6.2.5.2	Wall mounting	
ASWEI	ASW6080H10412H15A71(1) ASW6080H06080H10412H17A72(2) ASW6080H10412H17A72(2)		CAN	On-grid grid	Yes	Yes	ASP_V104.00(1) ARM-V10-40002-020(1) V10-00001-00020	Wall mounting	
SOLITEG	MPT-4-20K Series MPS-2-30K Series		CAN	On-grid grid	Yes	Yes	ARM_V01(08)	Wall mounting	
	MRT-4-20K Series MPT-20-20K Series MPS-3-2K Series		CAN	On-grid grid	Yes	Yes	ARM_V01(08)	Wall mounting	
ETEK	ETH3-8KTL-HS Series ETH-4-20KTL-HT Series ETH-3-20KTL-LF Series		CAN	On-grid grid	Yes	Yes	ARM_V01(08)	Wall mounting	
	RS-15003 Series		CAN	On-grid grid	Yes	Yes	ARM_V1.02.13 ARM_V1.08.14 ARM_V1.05.41	Wall mounting	
MEGAREVO	RE-120KHB Series RT-HV Series		CAN	On-grid grid	Yes	Yes	Power: V0034-07 Safety: V00.04.06 System: V00.02.18	Wall mounting	
Hymlies	HAT-HV Series		CAN	On-grid grid	Yes	Yes		Wall mounting	
KOYOE	KY-EST09KH-KY-EST20KH		CAN	On-grid grid	Yes	Yes	320701	Wall mounting	
YARD FORCE	PG3700/4600/5000-SH		CAN	On-grid grid	Yes	Yes	V0011	Wall mounting	
Dream Maker	PCS-3-4-20W-2540A-1 PCS-3-3-30W-30A-1 PCS-3-25-20W-100A-1		CAN	On-grid grid	Yes	Yes	ARM_V01(08)	Wall mounting	
SAJ	H03-30K-02 H03-30K-07		CAN	On-grid grid	Yes	Yes	V1.018	Wall mounting	
SINENG	SN3-4HEU series		CAN	On-grid grid	Yes	Yes	000003000(ARM)	Wall mounting	
CELT	PTZ10703001***		CAN	On-grid grid	Yes	No	V16.12.0	Cabinet	
Immer	LEDO		CAN	On-grid grid	Yes	Yes	V3.00	Wall mounting	
	Sermatec	SMT-10K/20K/30K-TL-TH	CAN	On-grid	Yes	Yes		Wall mounting	
	Immer	IS-7.4.60W	CAN	On-grid grid	Yes	Yes	V1.10	Wall mounting	
	Green	SPH00007L3	CAN	On-grid grid	Yes	Yes	V410	Wall mounting	
	Green	TSOL-HV-A.3.0-4.0K-H	CAN	On-grid grid	Yes	Yes	DSP_V1.0_ARM_V1.14	Wall mounting	
	Green	TBS0070	CAN	On-grid	Yes	Yes	1.0.3	Wall mounting	
	Volttron	Infineon® TL7PA 30K	Modbus RTU	On-grid grid	Yes	Yes	2008.27.12	Cabinet	
	Blue Mountain Energy	BME-20 BME-30	Modbus RTU	On-grid grid	Yes	Yes	2101-27 DSP2101-2212 MCL2101-3132	Cabinet	
	SOLITEG	MPT-25-20K Series MPS-25-20K Series		CAN	On-grid grid	Yes	Yes	ARM_V01(08)	Wall mounting
	ATESS	HPS305100110120150 MPS3050-6500 Series		CAN	On-grid grid	Yes	Yes	HPS30K_150K_HV3_SV9.1.3 A V10284000014	Wall mounting
MEGAREVO	MEG4000-4000TS Series MEG4000-4000A36 Series	Powercube H1/H2 Powercube H1/H2-V2 Powercube M1/M2/M3	CAN	On-grid grid	Yes	Yes	V10285000014 V10285000014	Cabinet	
Growcoof	GW-MPS3000-5500 Series		CAN	On-grid grid	Yes	Yes	V30284000014	Cabinet	
Elastic	Battery Inverter		Customized with additional EMS	On-grid grid				Cabinet	
Fairamp	EnergyKit								
Sungrow	SC series								
Shinco	PH05PH0 series								
Keltek	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-H1/2 V1.7, (2) Force-H1/H2-V2 V1.1, (3) Powercube-V1/5 V5.7, Powercube-V1/2 V1.2  
 (4) Force-H1 V2 and Force-H2-V2 are compatible with SMA Sunny Boy Storage inverters mentioned in the list above.  
 (5) Only Force-H1 V2 and Force-H2-V2 are compatible with Kostal PLENTICORE series inverter mentioned in the list above.  
 (6) Only Powercube-V1 and Powercube-V1 V2 series are compatible with CELT 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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Ver.2.26 Last Update: 10/15/2023

**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
	Axper 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	
	SPCIII-S-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
	ISMPTT 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	Kinergrid Pro: CK-II 2.0S-3.0S (1) CK-II 2.0M-3.0M(2), CK4.0S-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
				Yes		LCD:V2.00 DSP:V2.00	
	Yes			LCD:V1.11 DSP:V2.06 (1) LCD:V1.04 DSP:V1.03(2) LCD:V1.11 DSP:V2.06 MPPT:V1.10(3) LCD:V1.04 DSP:V1.03(4)			
	Yes			LCD:V1.15 DSP:V1.24 MPPT:V1.10			
	Yes			LCD:V1.11 DSP:V1.11 MPPT:V1.10			
	Yes			LCD:V1.0 DSP:V1.0			
	Yes						
EPEVER	UP3000-HM5041(RTU)	RS485(115200)		Yes	Yes	SV1.73	Wall mounting
	UP3000-HM8041(RTU)					SV1.82	
	UP3000-HM5042(RTU)					SV1.83	
	UP5000-HM8042(RTU)					SV1.84	
						1.17.06	
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:V610-10008-03	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		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
	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						
CE+T	P721730001*****	CAN	On/off-grid	Yes	No	V16.4.0	Cabinet
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
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 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 Voltronix 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 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 SI4.4-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.  
 \*\*\*\*\*When compatible with P721730001, please make sure the discharge cut off voltage is higher than 47V.

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