



48V Energy Storage Solution										
Inverter		Battery		Communication	Cable Supply	Coupling type	Application	Key Features	Firmware Ver.	Installation
Brand of Inverter	Type	US2000 / US3000 / Phantom-S / Force-L1/L2								
Victron Energy	Multi / Quattro 48V (via Venus-device)			CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes	422/V2.15	Wall mounting
Schneider-Electric	Conext XW Pro series			CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	Gateway: V1.06 XW+ Pro: V1.04 (UL) / V1.05 (IEC)	Cabinet
SolaX Power	SK-SU, SK-TL, SK-BMU			CAN/RS232	RJ45	DCAC	On-grid	Activation: PV only; Force charge: Yes		Wall mounting
Goodwe	GW-BP/SBP GW-ES/EM			CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes		Wall mounting
Imeon Energy	IMEON 3.6 /9.12			CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	V1.7.6.5	Wall mounting
Studer Innotec	Xtender 48V serie VarioString serie VarioTrack 48V serie			CAN	RJ45	DC	On/off-grid	Activation: No; Force charge: Yes	R652	Wall mounting
Selectronic	SPMC 480/481/482			CAN	RJ45	DC	On/off-grid	Activation: No; Force charge: Yes		Wall mounting
Votronic	Infinisolar series 48V Expert series 48V**			RS485(9600)	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes	V1.00/00.32	Wall mounting
Solar	ME3000SP, HYD series			RS485(115200)/CAN	RJ45	DC/AC	On-grid	Activation: Yes; Force charge: Yes	V1.2	Wall mounting
Sermatec	SMT-5K-TL-LV			CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes		Wall mounting
Zucchetti Centro Sistemi	Azzurro 3000SP; Azzurro HYD3000/6000-ES			RS485(115200)/CAN	RJ45	DC/AC	On-grid	Activation: Yes; Force charge: Yes	V1.2	Wall mounting
Solis	RHI series RAI series			CAN	RJ45	DC/AC	On/off-grid	Activation: PV only; Force charge: Yes	90009	Wall mounting
Redback	SH5000			RS485(115200)	RJ45	DCAC	On-grid	Activation: PV only; Force charge: No		Vertical
Deye(Sunsynk)	SUN-SG01LP1 series SUN-SG03LP1 series			CAN	Terminal	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	V1586	Wall mounting
Alpha & Outback Energy	SPC III 5000-48			N/A	N/A	DC	Off-grid	Activation: Manual; Force charge: No		Wall mounting
Lux Power	LXP Hybrid/ACS series			CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes	AA1.0	Wall mounting
Sungrow	SH5K			CAN	Terminal	DC	On-grid	Activation: 30mins; Force charge: Yes	V13	Wall mounting
Morningstar	TriStar MPPT in 48V TriStar MPPT 600V in 48V TriStar PWM TS-45 in 48V			N/A	N/A	DC	On/off-grid	Activation: PV only; Force charge: No	v32b	Wall mounting
Delios	DLS/C series DLS AC series			CAN	RJ45	DCAC	On/off-grid	Activation: No; Force charge: Yes	A 1.30; B 1.18; C1.27	Wall mounting
MLT	Oasis 448/648			N/A	N/A	AC	Off-grid	Activation: No; Force charge: Yes	V2.19	Wall mounting
Steca	Solarix PLI 5000-48			N/A	N/A	DC	Off-grid	Activation: Manual; Force charge: No		Wall mounting
SAJ	Sunfree series			RS485(9600)	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	V2.031/V1.037/V1.037	Wall mounting
SolarMax	ES series AC series			CAN	RJ45	DCAC	On/off-grid	Activation: No; Force charge: Yes	A 1.30; B 1.18; C1.27	Wall mounting
Growatt	SPH3000 - 6000(1) SPF2000 - 5000 HVM-48/LVM-48(2)*** M2000H/3000H/5000H - 48(3)***			CAN(1) RS485(9600)/(2,3)	RJ45	DCAC	On/off-grid	Activation: No; Force charge: Yes	RA1.0(1) GW500.08/502.05/503.03/507.03(2) SK001.11/012.06/013.03/035.00(3)	Wall mounting
AXIOMA energy	ISPMW 5000 ISMPPT BF 3000 - 5000 ISGRID (BF) 3000 - 5000			N/A	N/A	DC	On/off-grid	Activation: No; Force charge: No		Wall mounting
Phocos	Any-grid PSW-H-5KW-230/48V			RS485(9600)	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes	V1.00	Wall mounting
Western Engineering	LEONARDO PRO 3000/48 LI (via Western LK3)			CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes	V1.1	Wall mounting
Kehua	SPH5000-BL			CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes	V1.00.013	Wall mounting
INVT	BD series			CAN	Terminal	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	V1.06	Wall mounting
Moka	Smart Battery V4 3000 GridShare Hub			CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes	V2.2.1	Wall mounting
OPTI-Solar	SP5000 Brilliant series SP5000 RegaliHandy Plus SP4000/1000 Premium			RS485(9600)	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes	V1.00/00.32	Wall mounting
GMDE	SolDate 3700TL+BM024			RS485(9600)	RJ45	DCAC	On-grid	Activation: No; Force charge: Yes	V2.0.1	Wall mounting
Dowell	iPower			RS485(9600)/CAN	Terminal	DCAC	On-grid	Activation: PV only; Force charge: Yes	V3.03	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 Volttronic Expert series, only VM III and King two types are available for RS485 communication, for the rest types of Expert only available for manual settings.  
 \*\*\*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.

## 100 - 1000V Energy Storage Solution

Inverter		Battery		Communication	Cable Supply	Coupling type	Application	Key Features	Firmware Ver.	Installation
Brand of Inverter	Type									
ingateam Power Technology	ISS TRM 3TL / 6TL / 3TL M / 6TL M		Powercube X1/X2, Force H1/H2	CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	ABH1020A ABH1003_Q	Wall mounting
SolaX Power	X1/X3-Hybrid HV		Powercube X1/X2/H1/H2, Force H1/H2	CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes		Wall mounting
Sermatec	SMT-10K/5K/50K-TL-TH		Powercube X1/X2/H1/H2, Force H1/H2	CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes		Wall mounting
Goodwe	EH/ET series		Powercube X1/X2/H1/H2, Force H1/H2	CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes		Wall mounting
Solis	RHI-3P-HVES-SG series		Powercube X1/X2/H1/H2, Force H1/H2	CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes		Wall mounting
Growatt	SPH10000TL3		Powercube X1/X2/H1/H2, Force H1/H2	CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes	V410	Wall mounting
Lux Power	GTI 6K Hybrid		Powercube X1/X2/H1/H2, Force H1/H2	CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes		Wall mounting
Elacon	Battery Inverter									
Ferroamp	EnergyHub									
Sungrow	SC series		Powercube H1/H2/M1	Customized with additional EMS	RJ45	AC	On/off-grid			Cabinet
Sinexcel	PWS/PWG series									
Kehua	BCS series									

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