48V Energy Storage Solution

Brand of Inverter	Type	Battery US2000 / US3000 / Phantom-S / Force-L1/L2	Communication	Cable Supply	Coupling type	Application	Key Features	Firmware Ver.	Installation
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	XW+ series		CAN	RJ45	DCAC	On/off-grid	Activation: Yes; Force charge: Yes		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
Voltronic	Infinisolar series 48V Axpert series 48V**		RS485(9600)	RJ45	DC	On/off-grid	Activation:Yes Force charge: Yes	V1.00/00.32	Wall mounting
Sofar	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	SPH6000		CAN	RJ45	DCAC	On/off-grid	Activation: No; Force charge: Yes	RA1.0	Wall mounting
AXIOMA energy	ISPWM 5000 ISMPPT BF 3000 - 5000 ISGRID (BF) 3000 - 5000		N/A	N/A	DC	On/off-grid	Activation:No Force charge: No		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
Moixa	Smart Battery V4 3000		CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes	V2.2.1	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 requried to have a Victron MPPT or other compatible PV inverter with Victron to avoid the system getting shut down.
**When compatible with Voltronic Axpert series, only VM III and King two types are availble for RS485 communication, for the rest types of Axpert only available for manual settings.

100 - 1000V Energy Storage Solution

Brand of Inverter	Type	Battery	Communication	Cable Supply	Coupling type	Application	Key Features	Firmware Ver.	Installation
SolaX Power	X1/X3-Hybrid HV	Powercube X1/H1/H2, Force H1	CAN	RJ45	DCAC	On-grid	Activation:Yes Force charge: Yes		Wall mounting
Sermatec	SMT-10K/30K/50K-TL-TH	Powercube X1/H1/H2, Force H1	CAN	RJ45	DCAC	On-grid	Activation:Yes Force charge: Yes		Wall mounting
Goodwe	ET series	Powercube X1/H1/H2, Force H1	CAN	RJ45	DCAC	On/off-grid	Activation:Yes Force charge: Yes		Wall mounting
Growatt	SPH10000TL3	Powercube X1/H1/H2, Force H1	CAN	RJ45	DCAC	On/off-grid	Activation:Yes Force charge: Yes	V410	Wall mounting
Lux Power	GTI 6K Hybrid	Powercube X1/H1/H2, Force H1	CAN	RJ45	DCAC	On/off-grid	Activation:Yes Force charge: Yes		Wall mounting
Efacec	Battery Inverter	Powercube H1/H2/M1	Customized with additional EMS	RJ45	AC	On/off-grid			Cabinet
Ferroamp	EnergyHub								
Sungrow	SC series								
Sinexcel	PWS/PWG series								
Kehua	BCS series								