

High Voltage ESS

Last Update: 2025/6/6

						ey tures		Installation		
Inverter Brand	Inverter Type	Battery	СОММ.	Application	Activation	Force Charge	Firmware Ver			
Ingeteam Power	ISS 1Play 3TL / 6TL		CAN	On/off-grid	Yes	Yes	ABH1002AA ABH1003_Q(disp)	Wall mounting		
Technology	ISS 1Play 3TL M / 6TL M		CAN	On/off-grid	Yes	Yes	ABH1007_A ABH1003_Q(disp)	Wall mounting		
Solis	RHI-3P-HVES-5G series S6-EH3P(5-10)K-H-EU S6-EH1P(3.8-11.4)K-H-US S6-EH3P(12-20)K-H S6-EH3P(29.9-50)K-H				CAN	On/off-grid	Yes	Yes		Wall mounting
SMA ^b Solar Technology AG	SBS 3.7-10 - SBS6.0-10(1) Sunny Island X series		CAN	On/off-grid	Yes	Yes	04.04.03.R(1)	Wall mounting		
KOSTAL ^C Industrie Elektrik GmbH	PLENTICORE plus PLENTICORE plus G2 PLENTICORE BI xx/26 PLENTICORE BI xx/26 G2 PLENTICORE G3			RS485	On/off-grid	Yes	Yes		Wall mounting	
KACO	NH3 Series					CAN	On/off-grid	Yes	Yes	
Sungrow	SH5.0/6.0/8.0/10.0RT		CAN	On/off-grid	Yes	Yes	SAPPHIRE- H_V11_V01_A	Wall mounting		
Delios s.r.l.	DLX HV series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting		
Goodwe	EH/BH series ET 5-10 ET 15-30 ET G2 series ET 40~50	Powercube X1/X2/H1/H2	CAN	On/off-grid	Yes	Yes		Wall mounting		
EATON	xStorage Home 3P Series	Powercube X1/X2/H1/H2-V2	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting		
SolarMax	ES-T Series	Powercube-M1C	CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting		
Deye(Sunsynk) ^a	SUN-5~25K-SG01HP3-EU/AU SUN-29.9~50K-SG01HP3-EU/AU	Force H1/H2 Force H1/H2-V2 Force-H3	CAN	On/off-grid	Yes	Yes	2001-X018	Wall mounting		
Sol-Ark	30K-3P-208V-N 60K-3P-480V-N		CAN	On/off-grid	Yes	Yes	1066	Wall mounting		
Lux Power	Hybrid HB series		CAN	On/off-grid	Yes	Yes		Wall mounting		
Redback	RB-HVS(ST10000)(1) RB-HVS-AC(SB7200)(2)		Modbus RTU	On/off-grid	Yes	Yes	V2.6(1) V2.9(2)	Cabinet		
Sofar	HYD 10000/15000/20000 TL-3PH		CAN	On/off-grid	Yes	Yes	FW: D0110036 DSP: V010027	Wall mounting		
Sunways	STH-4-12KTL-HT series STH-3-8KTL-HS series		CAN	On/off-grid	Yes	Yes	ARM: V0054	Wall mounting		
	STR-4-12KTL-HT series STR-3-8KTL-HS series									
eCACTUS	WH-SPA-3.68H(1) WH-SPA-5.0H(1) WH-SHC series(2) WH-THA series(2)				Modbus RTU	On/off-grid	Yes	Yes	21426-004R(1) 21426-005R(1) 511-00007-03(2)	Wall mounting
Senergy	SE 3K~6KHB-HV SE 5K~30KHB-D3		CAN	On/off-grid	Yes	Yes	V010000	Wall mounting		
Salicru S.A.	EQX2 3001-8002-HSX series EQX2 4002-12002-HT series		CAN	On/off-grid	Yes	Yes	V1 . 28 . 45 . 04 . 00	Wall mounting		

Please note that compatibility testing with various inverter brands is currently underway. The list will be updated regularly. For any inquiries, please contact: service@pylontech.com.cn





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HYPONTECH	HHS series(1) HBS series(1) HHT series(2) HBT series(2)		CAN	On/off-grid	Yes	Yes	Ver.23(1) Ver.29(2)	Wall mounting			
AlSWEI(Solplan et)	ASW06H/08H/10H/12H/15H-T1(1) ASW05kH/06kH/08kH/10kH/12kH- T2(2) ASW08kH/10kH/12kH-T3(2)		CAN	On/off-grid	Yes	Yes	DSP:1.04.00(1) ARM:V610-60005- 02(1) V610-05001-00(2)	Wall mounting			
SOLINTEG	MHT-4~20K Series MHT-25~50K Series MHS-3~8K Series MRT-4~20K 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)	Wall mounting			
MEGAREVO	R6~15KH3 Series		CAN	On/off-grid	Yes	Yes	ARM:V1.02.13 DSP:V1.03.14 ARM:V1.01.41	Wall mounting			
	HYT-HV Series		CAN On/off-g				DSP:V1.02.20 Power - V00.04.07				
Hoymiles	HAT-HV Series			On/off-grid	Yes	Yes	Safety - V00.04.06 System - V00.02.18	Wall mounting			
KOYOE	KY-EST06KH~KY-EST20KH		CAN	On/off-grid	Yes	Yes	320701	Wall mounting			
INVT	XD5/6/8/10/12KTR		CAN	On/off-grid	Yes	Yes	208-208-0-319	Wall mounting			
Afore	AF3~9.6K-DH Series AF3~30K-TH Series AF3~12K-THP Series AF3~17K-THA Series AF3~6K-THC Series AF3~15K-THM Series AF3~7K-THMA Series AF3~30K-TH-0 Series AF3~12K-THP-0 Series AF3~15K-THM-0 Series AF3~7K-THMA-0 Series	Powercube X1/X2/H1/H2 Powercube X1/X2/H1/H2-V2 Powercube-M1C Force H1/H2 Force H1/H2-V2 Force-H3	X1/X2/H1/H2 Powercube X1/X2/H1/H2-V2 Powercube-M1C Force H1/H2	X1/X2/H1/H2 Powercube X1/X2/H1/H2-V2 Powercube-M1C Force H1/H2 Force H1/H2-V2	X1/X2/H1/H2 Powercube X1/X2/H1/H2-V2 Powercube-M1C Force H1/H2 Force H1/H2-V2	CAN	On/off-grid	Yes	Yes	1.01	Wall mounting
Solavita	SWH3000 ~ 6000H-S1 SWH005 ~ 15KH-T1		CAN	On/off-grid	Yes	Yes	V0.8.10/V2.0.5	Wall mounting			
AUXSOL	ASG-3.6~6SL-ZH Series ASG-5~12TL-ZH Series		CAN	On/off-grid	Yes	Yes	A2507	Wall mounting			
YARD FORCE	PG3700/4600/5000-SH		CAN	On/off-grid	Yes	Yes	V0011	Wall mounting			
Dream Maker	PCS-3-4~20kW-25(40)A-1 PCS-1-3~8kW-30A-1 PCS-3-25~50kW-100A-1		CAN	On/off-grid	Yes	Yes	ARM: V01(08)	Wall mounting			
SAJ	H2-3K~6K-S2 H2-5K~10K-T2		CAN	On/off-grid	Yes	Yes	V1.018	Wall mounting			
SINENG	SN3.0-6.0HS series(1) SN5.0-15HT series(2)		CAN	On/off-grid	Yes	Yes	000004007(1) 000001011(2)	Wall mounting			
CE+T	Sierra 25 (380Vdc) ^d		CAN	On/off-grid	Yes	No	V16.12.0	Cabinet			
YI ENERGY	HI-3P5K-H-Y1 HI-3P6K-H-Y1 HI-3P8K-H-Y1 HI-3P10K-H-Y1 HI-3P12K-H-Y1		CAN	On/off-grid	Yes	Yes	DSPM:00.00.02.00; DSPS:00.00.01.01; ARM:00.01.01.08;	Wall mounting			

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LEDIT	FVDx series		CAN	On/off-grid	Yes	Yes	V3.00	Wall mounting
Sermatec	SMT-10K/30K/50K-TL-TH	1	CAN	On-grid	Yes	Yes		Wall mounting
Sinexcel-Isuna	Isuna 5000T ~ 20000T Isuna D5-12K-SH Isuna D5-12K-TH		CAN	On/off-grid	Yes	Yes	ARM 1.01 (for D5-12K-TH and 5000T ~ 20000T) ARM 2.0 (for D5-12K-SH)	Wall mounting
Tsun	TSOL-H/A-3.0~6.0K-H		CAN	On/off-grid	Yes	Yes	DSP:V1.0; ARM:V1.14	Wall mounting
Yelon	HV6K~12K-3H		CAN	On/off-grid	Yes	Yes	SV02.02.007	Wall mounting
GMDE	TB5200TD		CAN	On-grid	Yes	Yes	1.0.3	Wall mounting
Voltronic	Infinisolar TX-PA 30K		Modbus RTU	On/off-grid	Yes	Yes	2008.27.12	Cabinet
Blue Mountain Energy	BME-20 BME-30		Modbus RTU	On/off-grid	Yes	Yes	21-01-27 DSP:2101.2212 MCU:2011.1712	Cabinet
ATESS	HPS30/50/100/120/150		CAN	On/off-grid	Yes	Yes	HPS30K_150K_HV3_ SV9.1.39	Cabinet
	MPS0030~0500 Series						V302B400D014	
MEGAREVO	MEGA0030~0500TS Series MEGA0500/MEGA0630	Durant	CAN	On/off-grid	Yes	Yes	V102B500D014	Cabinet
Growocol	GW-MPS0030~0500 Series	Powercube M1C/M2/M3/M5/M7/M8	CAN	On/off-grid	Yes	Yes	V302B400D014	Cabinet
Efacec	Battery Inverter							
Ferroamp	EnergyHub							
Pramac	PBI Series		Customized					
Delta	PCS125HV EPCS Series		with additional EMS	On/off-grid				Cabinet
Sinexcel	PWS/PWG series							
Kehua	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/H2: V1.7; (2) Force-H1/H2-V2: V1.1; (3) Powercube-X/H: V5.7; Powercube-X/H-V2: V1.2.

b Only Force-H1-V2 and Force-H2-V2 are compatible with SMA Sunny Boy Storage inverters mentioned in the list above. Only Powercube-M1C and Powercube-M5 are compatible with Sunny Island X series.

^c Only Force-H1-V2 and Force-H2-V2, Force-H3 are compatible with Kostal PLENTICORE series inverter mentioned in the list above.

^d Only Powercube X/H and Powercube X/H V2 series are compatible with CE+T inverter mentioned in the list above.

e Only Force-H3 and Powercube-M1C are compatible with Goodwe ET 15~30KW/40KW/50KW.



48V ESS

		Battery			Key Features			
Inverter Brand	Inverter Type		сомм.	Application	Activation	Force Charge	Firmware Ver	
Vietron Energy	Multiplus 48V (via Venus OS)		CAN	On/off-grid ^a	Yes	Yes	422/V2.15	
Victron Energy —	Quattro 48V (via Venus OS)]	CAN	On/off-grid ^a	Yes	Yes	422/V2.15	
	SI 4.4-M]						
SMA Solar	SI 6.0-H	1		đ				
Technology AG	SI 8.0-H	1	CAN	On/off-grid ^d	No	Yes		
	SI 6048US	1						
Schneider- Electric	Conext XW Pro series	-	CAN	On/off-grid	Yes	Yes	Gateway: V1.06 XW+ Pro: V1.04 (UL) / V1.05 (IEC)	
	GW-BP/SBP		CAN	On-grid	Yes	Yes	(- 7	
Goodwe	GW-ES/ES-C10 ^h		CAN	On-grid	Yes	Yes		
	EM		CAN	On-grid	Yes	Yes		
	IMEON 3.6	US2000	CAN	On/off-grid	Yes	Yes	V1.7.6.5	
Imeon Energy	IMEON 9.12	US2000V2 US3000	CAN	On/off-grid	Yes	Yes	V1.7.6.5	
	Xtender 48V serie	US2000C	CAN	On/off-grid	Yes	Yes	R652	
Studer Innotec	VarioString serie	US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L	CAN	On/off-grid	Yes	Yes	R652	
	VarioTrack 48V serie		CAN	On/off-grid	Yes	Yes	R652	
	SPMC 480		CAN	On/off-grid	No	Yes		
Selectronic	SPMC 481		CAN	On/off-grid	No	Yes		
	SPMC 482		CAN	On/off-grid	No	Yes		
Mallanain	Infinisolar series 48V	Fidus-L	RS485(9600)	On/off-grid	Yes	Yes	V1.00	
Voltronic	Axpert series 48V b	1	RS485(9600)	On/off-grid	Yes	Yes	V2.61	
	ME3000SP	1	RS485(115200)/C	On-grid	Yes	Yes	V1.2	
Sofar —	HYD series	1	AN RS485(115200)/C AN	On-grid	Yes	Yes	V1.2	
CHINT POWER	ECH3K ~ 6K-SML-EU ECA3K ~ 6K-SNL-EU		CAN	On/off-grid	Yes	Yes	LCD: 29.08 DSP: 05.95	
	EZHI series		CAN	On/off-grid	Yes	Yes	1.0.4.0	
APsystems	ELS-5K	1	CAN	On-grid	Yes	Yes	Hardware version Rev1.2.4	
Sermatec	SMT-5K-TL-LV	1	K5465(9000)/CA	On/off-grid	Yes	Yes	Software version Rev1.2.X	
Zucchetti Centro	Azzurro 3000SP]	RS485(115200)/C	On-grid	Yes	Yes	V1.2	
Sistemi	Azzurro HYD3000/6000-ES	1	AN RS485(115200)/C AN	On-grid	Yes	Yes	V1.2	
	RHI/RAI series		CAN	On/off-grid	PV only	Yes	90009	
Solis	S5-EA1P3K-L S6-EA1P(3.6-6)K-L S6-EO1P(4-5)K-48 S5-EH1P(3-6)K-L S6-EH1P(3-6)K-L-EU		CAN	On/off-grid	PV only	Yes		
	SUN-SG01LP1 series]	CAN	On/off-grid	Yes	Yes	V1586	
Deye	SUN-SG03LP1 series	1	CAN	On/off-grid	Yes	Yes	V1586	
(Sunsynk)	SUN-SG04LP1 series	1	CAN	On/off-grid	Yes	Yes		
	SUN-SG04LP3 series	1	CAN	On/off-grid	Yes	Yes		



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					Key Features		
Inverter Brand	Inverter Type	Battery	сомм.	Application	Activation	Force Charge	Firmware Ver
	SPCIII-5000-48						91.24
Alpha & Outback Energy	SPCIII-7200-48		RS485 (9600)	Off-grid	Yes	Yes	45.06
0,1	SPCIIIS-5000-48						71.1
	LXP 3-6K Hybrid						AA1.0
	ACS series						AA1.0
Lux Power	SNA series	US2000	CAN	On/off-grid	Yes	Yes	AA1.0
	LXP-LB-EU Series	US2000V2 US3000 US2000C US3000C US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L Fidus-L					EA1.0 (for 8K/10K model)
	LXP-LB-US Series						fA1.0 (for 12K model)
Sungrow	SH5K		CAN	On-grid	Yes	Yes	V13
	TriStar MPPT in 48V		N/A	On/off-grid	PV only	No	v32b
Morningstar	TriStar MPPT 600V in 48V		N/A	On/off-grid	PV only	No	v32b
	TriStar PWM TS-45 in 48V		N/A	On/off-grid	PV only	No	v32b
	GS-MPPT-60M/80M/100M-200V ^f		CAN	On/off-grid	PV only	No	v2.0
Delios s.r.l.	DLS/C series		CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27
Delios s.r.i.	DLS AC series		CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27
Ingeteam Power Technology	ISS 1Play TL M series		CAN	On/off-grid	Yes	Yes	ABH1007_D
MLT	Oasis 448		N/A	Off-grid	No	Yes	V2.19
IVIL I	Oasis 648		N/A	Off-grid	No	Yes	V2.19
Steca	Solarix PLI 5000-48		N/A	Off-grid	Manual	No	
SAJ -	Sunfree series		RS485(9600)	On/off-grid	Yes	Yes	V2.031/V1.037
SAJ	H1 series		CAN	On/off-grid	Yes	Yes	V2.094/V1.318
SolarMax	ES series		CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27
Colativiax	AC series		CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27



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		Battery			Ke Featu		
Inverter Brand	Inverter Type		сомм.	Application	Activation	Force Charge	Firmware Ver
	SPH 3000 - 6000		CAN	On/off-grid	No	Yes	RA1.0
	SPF 2000 - 5000 HVM-48/ LVM-48P ^C		RS485(9600)	On/off-grid	No	Yes	GW500.08/502.05/503.03/507 .03
Growatt	SPF 5000 ES / SPF 6000 ES PLUS		CAN	On/off-grid	Yes	Yes	Main CPU 067.02 / Slave CPU 068.02
	SPF 12000T DVM-US		CAN	On/off-grid	Yes	Yes	
	M2000H/3000H/5000H - 48 [°]		RS485(9600)	On/off-grid	No	Yes	SK001.11/012.06/013.03/035. 00
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
	ISPWM 5000		N/A	On/off-grid	No	No	
AXIOMA energy	ISMPPT BF 3000 - 5000		N/A	On/off-grid	No	No	
	ISGRID (BF) 3000 - 5000		N/A	On/off-grid	No	No	
Phocos	Any-grid PSW-H-5kW-230/48V		RS485(9600)	On/off-grid	Yes	Yes	V1.00
Western CO.	LEONARDO PRO 3000/48 Li (via Western LK3)		CAN	On/off-grid	Yes	Yes	V1.1
	AX-M1 4000/5000-48 (via Com Box)	US2000 US2000V2	RS485(9600)	On/off-grid	Yes	Yes	54.40/74.40
EFFEKTA	AX-K1 4000/5000-48 (via Com Box)	US3000 US2000C	RS485(9600)	On/off-grid	Yes	Yes	14.40/34.40
	AX-M2 4000/5000-48	US3000C US5000 US5000-B	RS485(9600)	On/off-grid	Yes	Yes	51.00/72.01
Kehua	SPH5000-BL	UP5000	CAN	On-grid	Yes	Yes	V1.00.013
Noark	Ex9N-DH-3~8KS-AU series Ex9N-DH-5~12KT-AU series	UF5000 Phantom-S Force-L1/L2	CAN	On/off-grid	Yes	Yes	V1139
HYPONTECH	HES 3000 - 6000	Pelio-L Fidus-L	CAN	On/off-grid	Yes	Yes	DSP: V1.0.0.21 ARM: V1.0.0.12
INVT	BD series	r idds-L	CAN	On/off-grid	Yes	Yes	V1.06
	Kinergier Pro: CK-II 2.0S-3.0S (1) CK-II 2.0M-3.0M(2), CK4.0S-8.0S(3)				No		LCD:V1.13 DSP:V1.24(1) LCD:V1.14 DSP:V1.11(2) LCD:V1.28 DSP:V1.30(3)
	Kinergier Pro-II: CK-II 3.0M-8.0S				Yes		LCD:V2.00 DSP:V2.00
ТВВ	RiiO: 2KVA - 6KVA(1) RiiO II: 3KVA - 8KVA(2) RiiO Sun: 2KVA - 6KVA(3) RiiO Sun II: 3KVA - 8KVA(4)		CAN	On/off-grid	Yes	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)
	Apollo Matrix: 3.0M-5.0S				Yes		LCD:V1.15 DSP:V1.24 MPPT:V1.10
	Apollo Maxx: 2.0M-5.0S				Yes		LCD:V1.11 DSP:V1.11 MPPT:V1.10
	Tyrann Series: 10.0S-15.0S				Yes		LCD:V1.0 DSP:V1.0



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	UP3000-HM5041(RTU)						SV1.73			
	UP3000-HM8041(RTU)					1	SV1.82			
EPEVER	UP3000-HM5042(RTU)		RS485(115200)		Yes	Yes	SV1.83			
	` '						SV1.84			
Afore	UP5000-HM8042(RTU) AF1~3.6K-SL-1 Series AF3~6K-SL Series AF4~6K-SLP Series AF1~3.6K-ASL-1 Series AF3~6K-ASL Series AF1~6K-SL-0 Series AF1~6K-ASL-0 Series					CAN	On/off-grid	Yes	Yes	1.01
MUST	PV1800 VHM 3KW - 5.5KW		CAN	On/off-grid	No	Yes	1.17.06			
	Smart Battery V4 3000		CAN	On-grid	Yes	Yes	V2.2.1			
Moixa	GridShare Hub		CAN	On-grid	Yes	Yes	V2.2.1			
1450155140	RKL1 Series		CAN	On/off-grid	Yes	Yes	ARM: 1.00.28 DSP: 1.01.23			
MEGAREVO	R5K/6K/7K/8KLNA		CAN	On/off-grid	Yes	Yes	ARM:1.03.12 DSP:1.04.11□			
AISWEI	ASW3000/3680/4000/5000H-S ASW3000/3680/4000/5000/6000H-S2	US2000 US2000V2 US3000 US2000C	CAN	On/off-grid	Yes	Yes	master v610-02001-00 DSP:V610-02003-01 Safety:V610-10008-03			
	REVO II - 48V Series REVO E PLUS - 48V Series			On/off-grid	,,	,,	Inverter:1.5.4			
SOROTEC	REVO VM II - 48V Series REVO VM PLUS - 48V Series	US3000C US5000	CAN	Off-grid	Yes	Yes	Control board: 64			
FSP Power Solution GmbH	PowerManager series 4-15kW Offgrid PMI III / Zero	US5000-B UP5000 UF5000	RS485(9600)	On/off-grid	Yes	Yes	V1.00 V2.61			
Senergy	SE 4K6/5K/6KHB-60/120	Phantom-S Force-L1/L2	RS485(9600) ^e	On/off-grid	PV only	Yes	0.6.0			
Cenergy	SE 4K6/5K/6KAC	Pelio-L Fidus-L			No	Yes	0.0.0			
	Hyper series Retro series			On/off-grid	Yes	Yes	1.78			
Livoltek	GF1-3K/5K48S1 BV1-3K/5K48S1		CAN	Off-grid	Yes	Yes	ARM V0.59 DSP V0.13			
Hoymiles	HYS-LV Series		CAN	On/off-grid	Yes	Yes	Power - V01.04.19 and above Safety - V01.02.13 and above			
	HAS-LV Series SWH3600 ~ 6000L-S1-SR		RS485	On/off-grid	Yes	Yes	System - V00 02 18 and V2.85.37			
Solavita	SWH008 ~ 012KL-S1-SR		RS485	On/off-grid	Yes	Yes	V8.31.13			
CE+T	Sierra 25 (48Vdc)		CAN	On/off-grid	Yes	No	V16.4.0			
SRNE	HF/HFP/HESP/HYP Series		RS485	On/off-grid	Yes	Yes	2			
EAST	ASF/ASP/ABP Series EAHI-3000 ~ 6000-SL		RS485	On/off-grid	Yes	Yes	master V1001, dsp V1004			
LEDIT	FVDi series		CAN	On/off-grid	No	Yes	A 1.30; B 1.18; C1.27			
Growocol	MKS IV 5.6KW -B MKS IV 6KW TWIN MAX II-8000		RS485(9600)	On/off-grid	Yes	Yes				
	SP5000 Brilliant series		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32			
OPTI-Solar	SP5000 Regal/Handy Plus		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32			
	SP4000/10000 Premium		RS485(9600)	On/off-grid	Yes	Yes	V1.00/00.32			



48V ESS

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Inverter Brand	Inverter Type	Battery	сомм.	Application	Activation	Force Charge	Firmware Ver

^aWhen 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.

^h Not Compatible with Pelio-L and UF5000.



^b When compatible with Voltronic 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.

^c When compatible with Growatt SPF/M series correponding 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.

^d 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.

^e When compatible with Senergy inverter, max. configure 1 string of battery system, donot support multiple strings' connection.

^fWhen compatible with GS-MPPT-60M/80M/100M-200V, it requires optional ReadyBMS accessory.

⁹ When compatible withP721730001, please make sure the discharge cut off voltage is higher than 47V.