

Compatibility List of Pylontech ESS and Inverters

Ver.2.33.xlsx

Last Update: 2024/8/9

High Voltage ESS

| Inverter Brand | Inverter Type | Battery | COMM. | Application | Key Features | | Firmware Ver | Installation | |
|---------------------------|---|---|---|-------------|--------------|--------------|------------------------------|----------------------|---------------|
| | | | | | Activation | Force Charge | | | |
| Ingeteam Power Technology | ISS 1Play 3TL / 6TL | Powercube X1/X2/H1/H2 Powercube X1/X2/H1/H2-V2 Powercube-M1C Force H1/H2 Force H1/H2-V2 Force-H3 | CAN | On/off-grid | Yes | Yes | ABH1002AA ABH1003_Q(disp) | Wall mounting | |
| | ISS 1Play 3TL M / 6TL M | | CAN | On/off-grid | Yes | Yes | ABH1007_A ABH1003_Q(disp) | Wall mounting | |
| Solis | RH1-1P-HVES-5G series RHI-3P-HVES-5G series S5-EH1P(3-6)K-L S6-EA1P(3.6-6)K-L S6-EH1P(3-6)K-L-EU S6-EH3P(5-10)K-H-EU S6-EH1P(3.8-11.4)K-H-US 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 | CAN | On/off-grid | Yes | Yes | 04.04.03.R | 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/BT 5-10KW | | CAN | On/off-grid | Yes | Yes | V14 | Wall mounting | |
| EATON | xStorage 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(Sunsynk) | SUN-5~25K-SG01HP3-EU/AU SUN-29.9~50K-SG01HP3-EU/AU ^a | | 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 STR-4-12KTL-HT series STR-3-8KTL-HS series | | CAN | On/off-grid | Yes | Yes | ARM: V0054 | Wall mounting | |

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| eCACTUS | WH-SPA-3.68H(1) WH-SPA-5.0H(1) WH-SHC series(2) WH-THA series(2) | Powercube X1/X2/H1/H2 Powercube X1/X2/H1/H2-V2 Powercube-M1C Force H1/H2 Force H1/H2-V2 Force-H3 | 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 |
| 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 |
| AISWEI(Solplana net) | 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 | Wall mounting |
| | R5~12KH1NA Series | | | | | | ARM:V1.01.41 DSP:V1.02.20 | |
| Hoymiles | HYT-HV Series | | CAN | On/off-grid | Yes | Yes | Power - V00.04.07 Safety - V00.04.06 System - V00.02.18 | Wall mounting |
| | HAT-HV Series | | | | | | | |
| 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 | |

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| | | | | | Activation | Force Charge | | |
| 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 | CAN | On/off-grid | Yes | Yes | 1.01 | 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 | SN3~6HSU series | | CAN | On/off-grid | Yes | Yes | 000003000(ARM) | 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 |
| LEDIT | FVDx series | | CAN | On/off-grid | Yes | Yes | V3.00 | Wall mounting |
| Sermatec | SMT-10K/30K/50K-TL-TH | | CAN | On-grid | Yes | Yes | | Wall mounting |
| Imeon Energy | 3/3.7/4.6/5HV | | CAN | On/off-grid | Yes | Yes | V1.10 | 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 |
| GMDE | TB5200TD | | CAN | On-grid | Yes | Yes | 1.0.3 | Wall mounting |

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| | | | | | Activation | Force Charge | | |
| Voltronic | Infinisolar TX-PA 30K | Powercube H1/H2 Powercube H1/H2-V2 Powercube M1/M2/M3 | 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 |
| SOLINTEG | MHT-25~50K Series MRT-25~50K Series | | CAN | On/off-grid | Yes | Yes | ARM: V01(08) | Wall mounting |
| ATESS | HPS30/50/100/120/150 | | CAN | On/off-grid | Yes | Yes | HPS30K_150K_HV3 SV9.1.39 | Cabinet |
| MEGAREVO | MPS0030~0500 Series | | CAN | On/off-grid | Yes | Yes | V302B400D014 | Cabinet |
| | MEGA0030~0500TS Series MEGA0500/MEGA0630 | | | | | | V102B500D014 | |
| Growocol | GW-MPS0030~0500 Series | | CAN | On/off-grid | Yes | Yes | V302B400D014 | Cabinet |
| Efacec | Battery Inverter | | Customized with additional EMS | On/off-grid | | | | Cabinet |
| Ferroamp | EnergyHub | | | | | | | |
| Pramac | PBI Series | | | | | | | |
| Sungrow | SC series | | | | | | | |
| Sinexcel | PWS/PWG series | | | | | | | |
| Kehua | BCS series | | | | | | | |

^a 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.

^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.

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48V ESS

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|-------------------------|--|---|-------------|--------------------------|--------------|--------------------------|--|
| | | | | | Activation | Force Charge | |
| Victron Energy | Multiplus 48V (via Venus OS) | US2000 US2000V2 US3000 US2000C US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L | CAN | On/off-grid ^a | Yes | Yes | 422/V2.15 |
| | Quattro 48V (via Venus OS) | | CAN | On/off-grid ^a | Yes | Yes | 422/V2.15 |
| SMA Solar Technology AG | SI 4.4-M | | CAN | On/off-grid ^d | No | Yes | |
| | 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) |
| Goodwe | GW-BP | | CAN | On-grid | Yes | Yes | |
| | SBP GW-ES ^h | | CAN | On-grid | Yes | Yes | |
| | EM | | CAN | On-grid | Yes | Yes | |
| Imeon Energy | IMEON 3.6 | | CAN | On/off-grid | Yes | Yes | V1.7.6.5 |
| | IMEON 9.12 | | CAN | On/off-grid | Yes | Yes | V1.7.6.5 |
| Studer Innotec | Xtender 48V serie | | CAN | On/off-grid | Yes | Yes | R652 |
| | VarioString serie | | CAN | On/off-grid | Yes | Yes | R652 |
| | VarioTrack 48V serie | | CAN | On/off-grid | Yes | Yes | R652 |
| Selectronic | SPMC 480 | | CAN | On/off-grid | No | Yes | |
| | SPMC 481 | | CAN | On/off-grid | No | Yes | |
| | SPMC 482 | | CAN | On/off-grid | No | Yes | |
| Voltronic | Infinisolar series 48V | | RS485(9600) | On/off-grid | Yes | Yes | V1.00 |
| | Axpert series 48V ^b | | RS485(9600) | On/off-grid | Yes | Yes | V2.61 |
| Sofar | ME3000SP | RS485(115200)/CAN | On-grid | Yes | Yes | V1.2 | |
| | HYD series | RS485(115200)/CAN | 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 | |

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|------------------------------|---|---|-------------------|-------------|--------------|---|--|
| | | | | | Activation | Force Charge | |
| AP systems | ELS-5K | US2000 US2000V2 US3000 US2000C US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L | CAN | On-grid | Yes | Yes | Hardware version Rev1.2.4 Software version Rev1.2.X |
| Sermatec | SMT-5K-TL-LV | | RS485(9600)/CAN | On/off-grid | Yes | Yes | |
| Zucchetti Centro Sistemi | Azzurro 3000SP | | RS485(115200)/CAN | On-grid | Yes | Yes | V1.2 |
| | Azzurro HYD3000/6000-ES | | RS485(115200)/CAN | On-grid | Yes | Yes | V1.2 |
| Solis | RHI/RAI series | | CAN | On/off-grid | PV only | Yes | 90009 |
| | 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 | |
| Redback | SH5000 | | RS485(115200) | On-grid | PV only | No | |
| Deye (Sunsynk) | SUN-SG01LP1 series | | CAN | On/off-grid | Yes | Yes | V1586 |
| | SUN-SG03LP1 series | | CAN | On/off-grid | Yes | Yes | V1586 |
| | SUN-SG04LP1 series | | CAN | On/off-grid | Yes | Yes | |
| | SUN-SG04LP3 series | | CAN | On/off-grid | Yes | Yes | |
| Alpha & Outback Energy | SPCIII-5000-48 | | RS485 (9600) | Off-grid | Yes | Yes | 91.24 |
| | SPCIII-7200-48 | | | | | | 45.06 |
| | SPCIIS-5000-48 | | | | | | 71.1 |
| Lux Power | LXP 3-6K Hybrid | CAN | On/off-grid | Yes | Yes | AA1.0 | |
| | 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 | |

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| | | | | | Activation | Force Charge | |
| Morningstar | TriStar MPPT in 48V | US2000 US2000V2 US3000 US2000C US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L | N/A | On/off-grid | PV only | No | v32b |
| | 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 |
| | 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 |
| | 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 |
| | 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 |
| | AC series | | CAN | On/off-grid | No | Yes | A 1.30; B 1.18; C1.27 |
| Growatt | 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 |
| | 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 ^c | 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 | |

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| | | | | | Activation | Force Charge | |
| AXIOMA energy | ISPWM 5000 | US2000 US2000V2 US3000 US2000C US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L | N/A | On/off-grid | No | No | |
| | ISMPT 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 |
| EFFEKTA | AX-M1 4000/5000-48 (via Com Box) | | RS485(9600) | On/off-grid | Yes | Yes | 54.40/74.40 |
| | AX-K1 4000/5000-48 (via Com Box) | | RS485(9600) | On/off-grid | Yes | Yes | 14.40/34.40 |
| | AX-M2 4000/5000-48 | | RS485(9600) | On/off-grid | Yes | Yes | 51.00/72.01 |
| Kehua | SPH5000-BL | | CAN | On-grid | Yes | Yes | V1.00.013 |
| Noark | Ex9N-DH-3~8KS-AU series Ex9N-DH-5~12KT-AU series | | CAN | On/off-grid | Yes | Yes | V1139 |
| INVT | BD series | CAN | On/off-grid | Yes | Yes | V1.06 | |
| TBB | Kinergier Pro: CK-II 2.0S-3.0S (1) CK-II 2.0M-3.0M(2), CK4.0S-8.0S(3) | No | CAN | On/off-grid | Yes | Yes | 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 |
| | RiiO: 2KVA - 6KVA(1) RiiO II: 3KVA - 8KVA(2) RiiO Sun: 2KVA - 6KVA(3) RiiO Sun II: 3KVA - 8KVA(4) | 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 LCD:V1.13 DSP:V1.24 MPPT:V1.10 |
| | Apollo Matrix: 3.0M-5.0S | Yes | | | | | DSP:V1.11 MPPT:V1.10 |
| | Apollo Maxx: 2.0M-5.0S | Yes | | | | | DSP:V1.11 MPPT:V1.10 |
| | Tyrann Series: 10.0S-15.0S | Yes | | | | | LCD:V1.0 DSP:V1.0 |

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| | | | | | Activation | Force Charge | | |
| EPEVER | UP3000-HM5041(RTU) | US2000 US2000V2 US3000 US2000C US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L | RS485(115200) | | Yes | Yes | SV1.73 | |
| | UP3000-HM8041(RTU) | | | | | | SV1.82 | |
| | UP3000-HM5042(RTU) | | | | | | SV1.83 | |
| | UP5000-HM8042(RTU) | | | | | | SV1.84 | |
| Afore | 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 | |
| Moixa | Smart Battery V4 3000 | | CAN | On-grid | Yes | Yes | V2.2.1 | |
| | GridShare Hub | | CAN | On-grid | Yes | Yes | V2.2.1 | |
| MEGAREVO | RKL1 Series | | CAN | On/off-grid | Yes | Yes | ARM: 1.00.28 DSP: 1.01.23 | |
| | R5K/6K/7K/8KLNA | | CAN | On/off-grid | Yes | Yes | ARM:1.03.12 DSP:1.04.11 | |
| AISWEI | ASW3000/3680/4000/5000H-S | | CAN | On/off-grid | Yes | Yes | master v610-02001-00 | |
| | ASW3000/3680/4000/5000/6000H-S2 | | | | | | DSP:V610-02003-01 Safety:V610-10008-03 | |
| SOROTEC | REVO II - 48V Series | | CAN | On/off-grid | Yes | Yes | Inverter: 1.5.4 Control board: 64 | |
| | REVO E PLUS - 48V Series | | | | | | | |
| | REVO VM II - 48V Series | | | Off-grid | | | | |
| | 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 | | |
| Senergy | SE 4K6/5K/6KHB-60/120 | RS485(9600) ^e | On/off-grid | PV only | Yes | 0.6.0 | | |
| | SE 4K6/5K/6KAC | | | No | Yes | | | |
| Livoltek | Hyper series | CAN | On/off-grid | Yes | Yes | 1.78 | | |
| | Retro series | | | | | | | |
| | GF1-3K/5K48S1 | | Off-grid | | | Yes | Yes | ARM V0.59 DSP V0.13 |
| | BV1-3K/5K48S1 | | | | | | | |

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

Compatibility List of Pylontech ESS and Inverters

Ver.2.33.xlsx

Last Update: 2024/8/9

48V ESS

| Inverter Brand | Inverter Type | Battery | COMM. | Application | Key Features | | Firmware Ver |
|----------------|---|---|-------------|-------------|--------------|--------------|---|
| | | | | | Activation | Force Charge | |
| Hoymiles | HYS-LV Series | US2000 US2000V2 US3000 US2000C US3000C US5000 US5000-B UP5000 UF5000 Phantom-S Force-L1/L2 Pelio-L | CAN | On/off-grid | Yes | Yes | Power - V01.04.19 and above Safety - V01.02.13 and above System - V00.02.18 |
| | HAS-LV Series | | | | Yes | No | V16.4.0 |
| CE+T | Sierra 25 (48Vdc) | | CAN | On/off-grid | Yes | No | V16.4.0 |
| EAST | 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 |
| GMDE | SolDate 3700TL+BM024 | | RS485(9600) | On-grid | No | Yes | V2.0.1 |

^a 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.

^b When compatible with Voltronic Xpert series, only VM III and King two types are available for RS485 communication, for the rest types of Xpert 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 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.

^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.

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

^g When compatible with P721730001, please make sure the discharge cut off voltage is higher than 47V.

^h Not Compatible with Pelio-L and UF5000.

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