

# Compatibility List of Pylontech Low Voltage ESS and Inverters

## Ver.2.40.xlsx

48V ESS

Last Update: 2025/8/15

| Inverter Brand           | Inverter Type                  | Battery                                                                                                                                        | COMM.             | Application              | Key Features |              | Firmware Ver                                           |
|--------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|--------------|--------------|--------------------------------------------------------|
|                          |                                |                                                                                                                                                |                   |                          | Activation   | Force Charge |                                                        |
| Victron Energy           | Multiplus 48V (via Venus OS)   | US2000<br>US2000V2<br>US3000<br>US2000C<br>US3000C<br>US5000<br>US5000-B<br>UP5000<br>UF5000<br>Phantom-S<br>Force-L1/L2<br>Pelio-L<br>Fidus-L | CAN               | On/off-grid <sup>a</sup> | Yes          | Yes          | 422/V2.15                                              |
| Victron Energy           | Quattro 48V (via Venus OS)     |                                                                                                                                                | CAN               | On/off-grid <sup>a</sup> | Yes          | Yes          | 422/V2.15                                              |
| SMA Solar Technology AG  | SI 4.4-M                       |                                                                                                                                                | CAN               | On/off-grid <sup>d</sup> | No           | Yes          |                                                        |
| SMA Solar Technology AG  | SI 6.0-H                       |                                                                                                                                                |                   |                          |              |              |                                                        |
| SMA Solar Technology AG  | SI 8.0-H                       |                                                                                                                                                |                   |                          |              |              |                                                        |
| SMA Solar Technology AG  | SI 6048US                      |                                                                                                                                                |                   |                          |              |              |                                                        |
| Schneider-Electric       | Conext XW Pro series           |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          | Gateway: V1.06<br>XW+ Pro: V1.04 (UL) / V1.05 (IEC)    |
| Goodwe                   | GW-BP/SBP                      |                                                                                                                                                | CAN               | On-grid                  | Yes          | Yes          |                                                        |
| Goodwe                   | GW-ES/ES-C10 <sup>h</sup>      |                                                                                                                                                | CAN               | On-grid                  | Yes          | Yes          |                                                        |
| Goodwe                   | EM                             |                                                                                                                                                | CAN               | On-grid                  | Yes          | Yes          |                                                        |
| Imeon Energy             | IMEON 3.6                      |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          | V1.7.6.5                                               |
| Imeon Energy             | 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                                                   |
| Studer Innotec           | VarioString serie              |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          | R652                                                   |
| Studer Innotec           | VarioTrack 48V serie           |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          | R652                                                   |
| Selectronic              | SPMC 480                       |                                                                                                                                                | CAN               | On/off-grid              | No           | Yes          |                                                        |
| Selectronic              | SPMC 481                       |                                                                                                                                                | CAN               | On/off-grid              | No           | Yes          |                                                        |
| Selectronic              | SPMC 482                       |                                                                                                                                                | CAN               | On/off-grid              | No           | Yes          |                                                        |
| Voltronic                | Infinisolar series 48V         |                                                                                                                                                | RS485(9600)       | On/off-grid              | Yes          | Yes          | V1.00                                                  |
| Voltronic                | Axpert series 48V <sup>b</sup> |                                                                                                                                                | RS485(9600)       | On/off-grid              | Yes          | Yes          | V2.61                                                  |
| Sofar                    | ME3000SP                       |                                                                                                                                                | RS485(115200)/CAN | On-grid                  | Yes          | Yes          | V1.2                                                   |
| Sofar                    | HYD series                     |                                                                                                                                                | RS485(115200)/CAN | On-grid                  | Yes          | Yes          | V1.2                                                   |
| CHINT POWER              | ECH3K ~ 6K-SML-EU              |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          | LCD: 29.08                                             |
| CHINT POWER              | ECA3K ~ 6K-SNL-EU              |                                                                                                                                                |                   |                          |              |              | DSP: 05.95                                             |
| APsystems                | EZHI series                    |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          | 1.0.4.0                                                |
| APsystems                | ELS-5K                         |                                                                                                                                                | CAN               | On-grid                  | Yes          | Yes          | Hardware version Rev1.2.4<br>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                                                   |
| Zucchetti Centro Sistemi | 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                                                  |
| Solis                    | S5-EA1P3K-L                    |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          |                                                        |
| Solis                    | S6-EA1P(3.6-6)K-L              |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          |                                                        |
| Solis                    | S6-EO1P(4-5)K-48               |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          |                                                        |
| Solis                    | S5-EH1P(3-6)K-L                |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          |                                                        |
| Solis                    | S6-EH1P(3-6)K-L-EU             |                                                                                                                                                | CAN               | On/off-grid              | Yes          | Yes          |                                                        |

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|---------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|--------------|--------------|------------------------------------|
|                           |                                                 |                                                                                                                                                |              |             | Activation   | Force Charge |                                    |
| Solis                     | S6-EH2P(9.6-16)K-SV-YD-H-US                     | US2000<br>US2000V2<br>US3000<br>US2000C<br>US3000C<br>US5000<br>US5000-B<br>UP5000<br>UF5000<br>Phantom-S<br>Force-L1/L2<br>Pelio-L<br>Fidus-L | CAN          | On/off-grid | Yes          | Yes          |                                    |
| Deye (Sunsynk)            | SUN-SG01LP1 series                              |                                                                                                                                                | CAN          | On/off-grid | Yes          | Yes          | V1586                              |
| Deye (Sunsynk)            | SUN-SG03LP1 series                              |                                                                                                                                                | CAN          | On/off-grid | Yes          | Yes          | V1586                              |
| Deye (Sunsynk)            | SUN-SG04LP1 series                              |                                                                                                                                                | CAN          | On/off-grid | Yes          | Yes          |                                    |
| Deye (Sunsynk)            | SUN-SG04LP3 series                              |                                                                                                                                                | CAN          | On/off-grid | Yes          | Yes          |                                    |
| Alpha & Outback Energy    | SPCIII-5000-48                                  |                                                                                                                                                | RS485 (9600) | Off-grid    | Yes          | Yes          | 91.24                              |
| Alpha & Outback Energy    | SPCIII-7200-48                                  |                                                                                                                                                |              |             |              |              | 45.06                              |
| Alpha & Outback Energy    | SPCIIIS-5000-48                                 |                                                                                                                                                |              |             |              |              | 71.1                               |
| Lux Power                 | LXP 3-6K Hybrid                                 |                                                                                                                                                | CAN          | On/off-grid | Yes          | Yes          | AA1.0                              |
| Lux Power                 | ACS series                                      |                                                                                                                                                |              |             |              |              | AA1.0                              |
| Lux Power                 | SNA series                                      |                                                                                                                                                |              |             |              |              | AA1.0                              |
| Lux Power                 | LXP-LB-EU Series                                |                                                                                                                                                |              |             |              |              | EA1.0 (for 8K/10K model)           |
| Lux Power                 | LXP-LB-US Series                                |                                                                                                                                                |              |             |              |              | fA1.0 (for 12K model)              |
| Sungrow                   | SH5K                                            |                                                                                                                                                | CAN          | On-grid     | Yes          | Yes          | V13                                |
| Morningstar               | 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                               |
| Morningstar               | TriStar PWM TS-45 in 48V                        |                                                                                                                                                | N/A          | On/off-grid | PV only      | No           | v32b                               |
| Morningstar               | GS-MPPT-60M/80M/100M-200V <sup>f</sup>          |                                                                                                                                                | 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.l.             | 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                              |
| MLT                       | 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              |
| SolarMax                  | 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                              |
| Growatt                   | SPF 2000 - 5000 HVM-48/<br>LVM-48P <sup>c</sup> |                                                                                                                                                | 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 |
| Growatt                   | SPF 12000T DVM-US                               |                                                                                                                                                | CAN          | On/off-grid | Yes          | Yes          |                                    |
| Growatt                   | M2000H/3000H/5000H - 48 <sup>c</sup>            |                                                                                                                                                | RS485(9600)  | On/off-grid | No           | Yes          | SK001.11/012.06/013.03/035.00      |

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|----------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|--------------|--------------|----------------------------------------------------------------------------|
|                |                                              |                                                                                                                                                |               |             | Activation   | Force Charge |                                                                            |
| Sol-Ark        | Sol-Ark-5K/8K-48-ST                          | US2000<br>US2000V2<br>US3000<br>US2000C<br>US3000C<br>US5000<br>US5000-B<br>UP5000<br>UF5000<br>Phantom-S<br>Force-L1/L2<br>Pelio-L<br>Fidus-L | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| Sol-Ark        | Sol-Ark-5K-120V                              |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| Sol-Ark        | Sol-Ark-8K-120/230V                          |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| Sol-Ark        | Sol-Ark-8K-230-1P                            |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| Sol-Ark        | Sol-Ark-12K-P,                               |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| Sol-Ark        | Sol-Ark-12K-3P-380V                          |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| Sol-Ark        | Limitless 15K-LV                             |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1430                                                                      |
| AXIOMA energy  | ISPWM 5000                                   |                                                                                                                                                | N/A           | On/off-grid | No           | No           |                                                                            |
| AXIOMA energy  | ISMPTT BF 3000 - 5000                        |                                                                                                                                                | N/A           | On/off-grid | No           | No           |                                                                            |
| AXIOMA energy  | 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<br>(via Western LK3) |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1.1                                                                       |
| EFFEKTA        | AX-M1 4000/5000-48<br>(via Com Box)          |                                                                                                                                                | RS485(9600)   | On/off-grid | Yes          | Yes          | 54.40/74.40                                                                |
| EFFEKTA        | AX-K1 4000/5000-48<br>(via Com Box)          |                                                                                                                                                | RS485(9600)   | On/off-grid | Yes          | Yes          | 14.40/34.40                                                                |
| EFFEKTA        | 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                      |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1139                                                                      |
| Noark          | Ex9N-DH-5~12KT-LU series                     |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1139                                                                      |
| HYPONTECH      | HES 3000 - 6000                              |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | DSP: V1.0.0.21<br>ARM: V1.0.0.12                                           |
| INVT           | BD series(1)<br>XD3~6KTL series(2)           |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | V1.06(1)<br>417-412-207(2)                                                 |
| TBB            | Kinergier Pro: CK-II 2.0S-3.0S (1)           |                                                                                                                                                | CAN           | On/off-grid | No           | Yes          | LCD:V1.13 DSP:V1.24(1)<br>LCD:V1.14 DSP:V1.11(2)<br>LCD:V1.28 DSP:V1.30(3) |
| TBB            | CK-II 2.0M-3.0M(2), CK4.0S-8.0S(3)           |                                                                                                                                                |               |             | No           |              | LCD:V1.13 DSP:V1.24(1)<br>LCD:V1.14 DSP:V1.11(2)<br>LCD:V1.28 DSP:V1.30(3) |
| TBB            | Kinergier Pro-II: CK-II 3.0M-8.0S            |                                                                                                                                                |               |             | Yes          |              | LCD:V2.00 DSP:V2.00                                                        |
| TBB            | RiiO: 2KVA - 6KVA(1)                         |                                                                                                                                                |               |             | Yes          |              | LCD:V1.11 DSP:V2.06 (1)                                                    |
| TBB            | RiiO II: 3KVA - 8KVA(2)                      |                                                                                                                                                |               |             | Yes          |              | LCD:V1.04 DSP:V1.03(2)                                                     |
| TBB            | RiiO Sun: 2KVA - 6KVA(3)                     |                                                                                                                                                |               |             | Yes          |              | LCD:V1.11 DSP:V2.06<br>MPPT:V1.10(3)                                       |
| TBB            | RiiO Sun II: 3KVA - 8KVA(4)                  |                                                                                                                                                |               |             | Yes          |              | LCD:V1.04 DSP:V1.03(4)                                                     |
| TBB            | Apollo Matrix: 3.0M-5.0S                     |                                                                                                                                                |               |             | Yes          |              | LCD:V1.15 DSP:V1.24<br>MPPT:V1.10                                          |
| TBB            | Apollo Maxx: 2.0M-5.0S                       |                                                                                                                                                |               |             | Yes          |              | LCD:V1.11 DSP:V1.11<br>MPPT:V1.10                                          |
| TBB            | Tyrann Series: 10.0S-15.0S                   |                                                                                                                                                |               |             | Yes          |              | LCD:V1.0 DSP:V1.0                                                          |
| EPEVER         | UP3000-HM5041(RTU)                           |                                                                                                                                                | RS485(115200) |             | Yes          | Yes          | SV1.73                                                                     |
| EPEVER         | UP3000-HM8041(RTU)                           |                                                                                                                                                |               |             |              |              | SV1.82                                                                     |
| EPEVER         | UP3000-HM5042(RTU)                           |                                                                                                                                                |               |             |              |              | SV1.83                                                                     |
| EPEVER         | UP5000-HM8042(RTU)                           |                                                                                                                                                |               |             |              |              | SV1.84                                                                     |
| Afore          | AF1~3.6K-SL-1 Series                         |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | 1.01                                                                       |
| Afore          | AF3~6K-SL Series                             |                                                                                                                                                | CAN           | On/off-grid | Yes          | Yes          | 1.01                                                                       |

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|-------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|--------------|--------------|-------------------------------------------------------------|
|                         |                                                      |                                                                                                                                                |                          |             | Activation   | Force Charge |                                                             |
| Afore                   | AF4~6K-SLP Series                                    | US2000<br>US2000V2<br>US3000<br>US2000C<br>US3000C<br>US5000<br>US5000-B<br>UP5000<br>UF5000<br>Phantom-S<br>Force-L1/L2<br>Pelio-L<br>Fidus-L | CAN                      | On/off-grid | Yes          | Yes          | 1.01                                                        |
| Afore                   | AF1~3.6K-ASL-1 Series                                |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | 1.01                                                        |
| Afore                   | AF3~6K-ASL Series                                    |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | 1.01                                                        |
| Afore                   | AF1~6K-SL-0 Series                                   |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | 1.01                                                        |
| Afore                   | 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                                                      |
| Moixa                   | GridShare Hub                                        |                                                                                                                                                | CAN                      | On-grid     | Yes          | Yes          | V2.2.1                                                      |
| MEGAREVO                | RKL1 Series                                          |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | ARM: 1.00.28<br>DSP: 1.01.23                                |
| MEGAREVO                | R5K/6K/7K/8KLNA                                      |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | ARM:1.03.12<br>DSP:1.04.11                                  |
| AISWEI                  | ASW3000/3680/4000/5000H -S                           |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | master v610-02001-00                                        |
| AISWEI                  | ASW3000/3680/4000/5000/6000H -S2                     |                                                                                                                                                |                          |             |              |              | DSP:V610-02003-01<br>Safety:V610-10008-03                   |
| SOROTEC                 | REVO II - 48V Series                                 |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | Inverter:1.5.4<br>Control board: 64                         |
| SOROTEC                 | REVO E PLUS - 48V Series                             |                                                                                                                                                |                          | On/off-grid |              |              |                                                             |
| SOROTEC                 | REVO VM II - 48V Series                              |                                                                                                                                                |                          | Off-grid    |              |              |                                                             |
| SOROTEC                 | REVO VM PLUS - 48V Series                            |                                                                                                                                                |                          | Off-grid    |              |              |                                                             |
| FSP Power Solution GmbH | PowerManager series 4-15kW<br>Offgrid PMI III / Zero |                                                                                                                                                | RS485(9600)              | On/off-grid | Yes          | Yes          | V1.00<br>V2.61                                              |
| Senergy                 | SE 4K6/5K/6KHB-60/120                                |                                                                                                                                                | RS485(9600) <sup>e</sup> | On/off-grid | PV only      | Yes          | 0.6.0                                                       |
| Senergy                 | SE 4K6/5K/6KAC                                       |                                                                                                                                                |                          |             | No           | Yes          |                                                             |
| Livolttek               | Hyper series                                         |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | 1.78                                                        |
| Livolttek               | Retro series                                         |                                                                                                                                                |                          | Off-grid    | Yes          | Yes          | ARM V0.59<br>DSP V0.13                                      |
| Livolttek               | GF1-3K/5K48S1                                        |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | Power - V01.04.19 and above<br>Safety - V01.02.13 and above |
| Livolttek               | BV1-3K/5K48S1                                        |                                                                                                                                                |                          |             |              |              |                                                             |
| Hoymiles                | HYS-LV Series                                        |                                                                                                                                                | CAN                      | On/off-grid | Yes          | Yes          | V2.85.37                                                    |
| Hoymiles                | HAS-LV Series                                        |                                                                                                                                                |                          |             |              |              |                                                             |
| Solavita                | SWH3600 ~ 6000L-S1-SR                                |                                                                                                                                                | RS485                    | On/off-grid | Yes          | Yes          | V8.31.13                                                    |
| Solavita                | SWH008 ~ 012KL-S1-SR                                 |                                                                                                                                                | CAN                      | On/off-grid | Yes          | No           | V16.4.0                                                     |
| CE+T                    | Sierra 25 (48Vdc)                                    |                                                                                                                                                | RS485                    | On/off-grid | Yes          | Yes          |                                                             |
| SRNE                    | HF/HFP/HESP/HYP Series                               |                                                                                                                                                | RS485                    | On/off-grid | Yes          | Yes          |                                                             |
| SRNE                    | ASF/ASP/ABP Series                                   |                                                                                                                                                | RS485                    | On/off-grid | Yes          | Yes          |                                                             |
| EAST                    | EAH1-3000 ~ 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                                      |                                                                                                                                                | RS485(9600)              | On/off-grid | Yes          | Yes          |                                                             |
| Growocol                | MKS IV 6KW TWIN                                      |                                                                                                                                                | RS485(9600)              | On/off-grid | Yes          | Yes          |                                                             |
| Growocol                | MAX II-8000                                          |                                                                                                                                                | RS485(9600)              | On/off-grid | Yes          | Yes          |                                                             |
| OPTI-Solar              | 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                                                 |
| OPTI-Solar              | SP4000/10000 Premium                                 |                                                                                                                                                | RS485(9600)              | On/off-grid | Yes          | Yes          | V1.00/00.32                                                 |

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](mailto:service@pylontech.com.cn)



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# Compatibility List of Pylontech Low Voltage ESS and Inverters

## Ver.2.40.xlsx

48V ESS

Last Update: 2025/8/15

| Inverter Brand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Inverter Type | Battery | COMM. | Application | Key Features |              | Firmware Ver |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|-------|-------------|--------------|--------------|--------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |         |       |             | Activation   | Force Charge |              |
| <p><sup>a</sup> 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.</p> <p><sup>b</sup> 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.</p> <p><sup>c</sup> 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.</p> <p><sup>d</sup> 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.</p> <p><sup>e</sup> When compatible with Senergy inverter, max. configure 1 string of battery system, donot support multiple strings' connection.</p> <p><sup>f</sup> When compatible with GS-MPPT-60M/80M/100M-200V, it requires optional ReadyBMS accessory.</p> <p><sup>g</sup> When compatible with P721730001, please make sure the discharge cut off voltage is higher than 47V.</p> <p><sup>h</sup> Not Compatible with Pelio-L and UF5000.</p> |               |         |       |             |              |              |              |

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