

## Compatibility List of Pylontech ESS and Inverters

Ver.1.90    Last Update: 13/10/2020

### 48V Energy Storage Solution (US2000 / US3000 / US2000C / US3000C / Phantom-S / Force-L1/L2)

| Inverter           | Inverter Type                | Communication     | Application  | Key Features |              | Firmware Ver  | Installation  |
|--------------------|------------------------------|-------------------|--------------|--------------|--------------|---|---------------|
|                    |                              |                   |              | Activation   | Force Change |   |               |
| Victron Energy     | Multiplus 48V (via Venus OS) | CAN               | On/off-grid* | Yes          | Yes          | 422/V2.15   | Wall mounting |
|                    | Quattro 48V (via Venus OS)   | CAN               | On/off-grid* | Yes          | Yes          | 422/V2.15   | Wall mounting |
| Schneider-Electric | Conext XW Pro series         | CAN               | On/off-grid  | Yes          | Yes          | Gateway: V1.06<br>XW+ Pro: V1.04 (UL) / V1.05 (IEC) | Wall mounting |
| SolaX Power        | SK-SU                        | CAN/RS232         | On-grid      | PV only      | Yes          |   | Wall mounting |
|                    | SK-TL                        | CAN/RS232         | On-grid      | PV only      | Yes          |   | Wall mounting |
|                    | SK-BMU                       | CAN/RS232         | On-grid      | PV only      | Yes          |   | Wall mounting |
| Goodwe             | GW-BP                        | CAN               | On-grid      | Yes          | Yes          |   | Wall mounting |
|                    | SBP GW-ES                    | CAN               | On-grid      | Yes          | Yes          |   | Wall mounting |
|                    | EM                           | CAN               | On-grid      | Yes          | Yes          |   | Wall mounting |
| Imeon Energy       | IMEON 3.6                    | CAN               | On/off-grid  | Yes          | Yes          | V1.7.6.5  | Wall mounting |
|                    | IMEON 9.12                   | CAN               | On/off-grid  | Yes          | Yes          | V1.7.6.5  | Wall mounting |
| Studer Innotec     | Xtender 48V serie            | CAN               | On/off-grid  | Yes          | Yes          | R652  | Wall mounting |
|                    | VarioString serie            | CAN               | On/off-grid  | Yes          | Yes          | R652  | Wall mounting |
|                    | VarioTrack 48V serie         | CAN               | On/off-grid  | Yes          | Yes          | R652  | Wall mounting |
| Selectronic        | SPMC 480                     | CAN               | On/off-grid  | No           | Yes          |   | Wall mounting |
|                    | SPMC 481                     | CAN               | On/off-grid  | No           | Yes          |   | Wall mounting |
|                    | SPMC 482                     | CAN               | On/off-grid  | No           | Yes          |   | Wall mounting |
| Voltronic          | Infinisolar series 48V       | RS485(9600)       | On/off-grid  | Yes          | Yes          | V1.00/00.32   | Wall mounting |
|                    | Axpert series 48V**          | RS485(9600)       | On/off-grid  | Yes          | Yes          | V1.00/00.32   | Wall mounting |
| Sofar              | ME3000SP                     | RS485(115200)/CAN | On-grid      | Yes          | Yes          | V1.2  | Wall mounting |
|                    | HYD series                   | RS485(115200)/CAN | On-grid      | Yes          | Yes          | V1.2  | Wall mounting |

## Compatibility List of Pylontech ESS and Inverters

Ver.1.90    Last Update: 13/10/2020

### 48V Energy Storage Solution (US2000 / US3000 / US2000C / US3000C / Phantom-S / Force-L1/L2)

| Inverter                 | Inverter Type            | Communication     | Application | Key Features |              | Firmware Ver          | Installation  |
|--------------------------|--------------------------|-------------------|-------------|--------------|--------------|-----------------------|---------------|
|                          |                          |                   |             | Activation   | Force Change |                       |               |
| Sermatec                 | SMT-5K-TL-LV             | CAN               | On/off-grid | Yes          | Yes          |                       | Wall mounting |
| Zucchetti Centro Sistemi | Azzurro 3000SP           | RS485(115200)/CAN | On-grid     | Yes          | Yes          | V1.2                  | Wall mounting |
|                          | Azzurro HYD3000/6000-ES  | RS485(115200)/CAN | On-grid     | Yes          | Yes          | V1.2                  | Wall mounting |
| Solis                    | RHI series               | CAN               | On/off-grid | PV only      | Yes          | 90009                 | Wall mounting |
|                          | RAI series               | CAN               | On/off-grid | PV only      | Yes          | 90009                 | Wall mounting |
| Redback                  | SH5000                   | RS485(115200)     | On-grid     | PV only      | No           |                       | Vertical      |
| Deye(Sunsynk)            | SUN-SG01LP1 series       | CAN               | On/off-grid | Yes          | Yes          | V1586                 | Wall mounting |
|                          | SUN-SG03LP1 series       | CAN               | On/off-grid | Yes          | Yes          | V1586                 | Wall mounting |
| Alpha & Outback Energy   | SPC III 5000-48          | N/A               | Off-grid    | Manual       | No           |                       | Wall mounting |
| Lux Power                | LXP Hybrid               | CAN               | On-grid     | Yes          | Yes          | AA1.0                 | Wall mounting |
|                          | ACS series               | CAN               | On-grid     | Yes          | Yes          | AA1.0                 | Wall mounting |
| Sungrow                  | SH5K                     | CAN               | On-grid     | Yes          | Yes          | V13                   | Wall mounting |
| Morningstar              | TriStar MPPT in 48V      | N/A               | On/off-grid | PV only      | No           | v32b                  | Wall mounting |
|                          | TriStar MPPT 600V in 48V | N/A               | On/off-grid | PV only      | No           | v32b                  | Wall mounting |
|                          | TriStar PWM TS-45 in 48V | N/A               | On/off-grid | PV only      | No           | v32b                  | Wall mounting |
| Delios s.r.l.            | DLS/C series             | CAN               | On/off-grid | No           | Yes          | A 1.30; B 1.18; C1.27 | Wall mounting |
|                          | DLS AC series            | CAN               | On/off-grid | No           | Yes          | A 1.30; B 1.18; C1.27 | Wall mounting |
| MLT                      | Oasis 448                | N/A               | Off-grid    | No           | Yes          | V2.19                 | Wall mounting |
|                          | Oasis 648                | N/A               | Off-grid    | No           | Yes          | V2.19                 | Wall mounting |
| Steca                    | Solarix PLI 5000-48      | N/A               | Off-grid    | Manual       | No           |                       | Wall mounting |
| SAJ                      | Sunfree series           | RS485(9600)       | On/off-grid | Yes          | Yes          | V2.031/V1.037/V1.037  | Wall mounting |

## Compatibility List of Pylontech ESS and Inverters

Ver.1.90    Last Update: 13/10/2020

48V Energy Storage Solution ([US2000](#) / [US3000](#) / [US2000C](#) / [US3000C](#) / [Phantom-S](#) / [Force-L1/L2](#))

| Inverter      | Inverter Type                                | Communication | Application | Key Features |              | Firmware Ver                  | Installation  |
|---------------|--|---------------|-------------|--------------|--------------|-------------------------------|---------------|
|               |  |               |             | Activation   | Force Change |                               |               |
| SolarMax      | ES series                                    | CAN           | On/off-grid | No           | Yes          | A 1.30; B 1.18; C1.27         | Wall mounting |
|               | AC series                                    | CAN           | On/off-grid | No           | Yes          | A 1.30; B 1.18; C1.27         | Wall mounting |
| Growatt       | SPH3000 - 6000                               | CAN           | On/off-grid | No           | Yes          | RA1.0                         | Wall mounting |
|               | SPF2000 - 5000 HVM-48/LVM-48P***             | RS485(9600)   | On/off-grid | No           | Yes          | GW500.08/502.05/503.03/507.03 | Wall mounting |
|               | M2000H/3000H/5000H - 48***                   | RS485(9600)   | On/off-grid | No           | Yes          | SK001.11/012.06/013.03/035.00 | Wall mounting |
| AXIOMA energy | ISPWM 5000                                   | N/A           | On/off-grid | No           | No           |                               | Wall mounting |
|               | ISMPT BF 3000 - 5000                         | N/A           | On/off-grid | No           | No           |                               | Wall mounting |
|               | ISGRID (BF) 3000 - 5000                      | N/A           | On/off-grid | No           | No           |                               | Wall mounting |
| Phocos        | Any-grid PSW-H-5kW-230/48V                   | RS485(9600)   | On/off-grid | Yes          | Yes          | V1.00                         | Wall mounting |
| Western CO.   | LEONARDO PRO 3000/48 Li<br>(via Western LK3) | CAN           | On/off-grid | Yes          | Yes          | V1.1                          | Wall mounting |
| EFFEKTA       | AX-M1 4000/5000-48(1)                        | RS485(9600)   | On/off-grid | Yes          | Yes          | 54.40/74.40(1) 14.40/34.40(2) | Wall mounting |
|               | AX-K1 4000/5000-48(2)                        | RS485(9600)   | On/off-grid | Yes          | Yes          | 54.40/74.40(1) 14.40/34.40(2) | Wall mounting |
| Kehua         | SPH5000-BL                                   | CAN           | On-grid     | Yes          | Yes          | V1.00.013                     | Wall mounting |
| INVT          | BD series                                    | CAN           | On/off-grid | Yes          | Yes          | V1.06                         | Wall mounting |
| Moixa         | Smart Battery V4 3000                        | CAN           | On-grid     | Yes          | Yes          | V2.2.1                        | Wall mounting |
|               | GridShare Hub                                | CAN           | On-grid     | Yes          | Yes          | V2.2.1                        | Wall mounting |

## Compatibility List of Pylontech ESS and Inverters

Ver.1.90 Last Update: 13/10/2020

### 48V Energy Storage Solution (US2000 / US3000 / US2000C / US3000C / Phantom-S / Force-L1/L2)

| Inverter   | Inverter Type           | Communication | Application | Key Features |              | Firmware Ver | Installation  |
|------------|-------------------------|---------------|-------------|--------------|--------------|--------------|---------------|
|            |                         |               |             | Activation   | Force Change |              |               |
| OPTI-Solar | SP5000 Brilliant series | RS485(9600)   | On/off-grid | Yes          | Yes          | V1.00/00.32  | Wall mounting |
|            | SP5000 Regal/Handy Plus | RS485(9600)   | On/off-grid | Yes          | Yes          | V1.00/00.32  | Wall mounting |
|            | SP4000/10000 Premium    | RS485(9600)   | On/off-grid | Yes          | Yes          | V1.00/00.32  | Wall mounting |
| GMDE       | SolDate 3700TL+BM024    | RS485(9600)   | On-grid     | No           | Yes          | V2.0.1       | Wall mounting |

1)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.

2)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.

3)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.

**Note:** Compatible tests with different brands of inverter are continuously, updates of this list will be periodically.

For any query, please contact: [service@pylontech.com.cn](mailto:service@pylontech.com.cn)

