



PYLONTECH



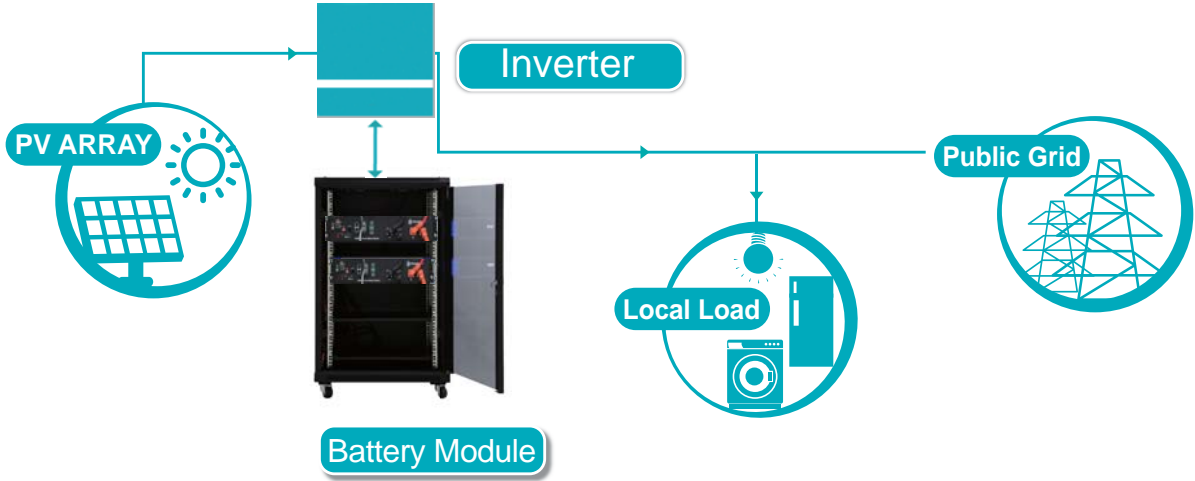
LOW VOLTAGE ENERGY STORAGE SYSTEM —FOR RESIDENTIAL AND SME



US2000B is the latest HESS battery system provided by Pylontech with our abundant experience of delivering our product into more than 5000 homes. It' s long life character, highest energy and power density in the industry, fashionable design, easiness of installation and expansion, all reflects the real requirements of end users and strongest technical capability of Pylontech.

Advantages

- ◆ Vertical industry integration ensures more than 6000 cycles with 80% DoD
- ◆ Compact and fashionable design fits in your sweet home environment
- ◆ Deliver up to 5KW with single module (2.4KWh)
- ◆ Modular design gives the end customers the power of choice of capacity
- ◆ Compatible with most of the available Hybrid inverters
- ◆ Simple buckle fixing minimize the installation time and cost
- ◆ Safety Cert.TÜV CE UN38.3 TLC



Features

- Developed with our own LFP (lithium iron phosphate) cell to ensure the highest safety and most promising cycle life.
- Self-designed BMS protects the cell in all angels such as abnormal temperature, current, voltage, SoC, SoH
- No maintenance and easy installation saves the valuable main power.

Specifications

| SPECIFICATION | BASICPARAMETERS | US2000B |
|---------------|-----------------------|-------------------------|
| Nominal | Nominal Voltage (V) | 48 |
| | Nominal Capacity (Ah) | 50 |
| Physical | Dimension (mm) | 440*410*89 |
| | Weight (Kg) | 24 |
| Electrical | Discharge Voltage (V) | 45 ~ 54 |
| | Charge Voltage (V) | 52.5 ~ 54 |
| | Peak Charge Power | 5kW@1Min |
| | Peak Disharge Power | 5kW@1Min |
| Others | Communication | RS232, RS485, CAN |
| | Working Temperature | 0 C ~50 C |
| | | -10 C ~50 C |
| | Shelf Temperature | -20 C ~60 C |
| | Certification | TÜV / CE / UN38.3 / TLC |
| | Design life | 10+ Years (25 C /77 F) |
| Cycle Life | >6000 (25 C 80% DoD) | |