

# W5000

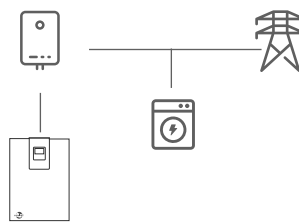
## Wall-mount

W5000 is a lithium iron phosphate battery system, which can be used to provide safe, reliable and stable energy for various equipment. Meanwhile, the module supports expansion on both capacity and power by multiple parallel uses. It supports CAN, RS485 & WiFi communication and can meet the requirements of mainstream energy storage inverter communication protocols.

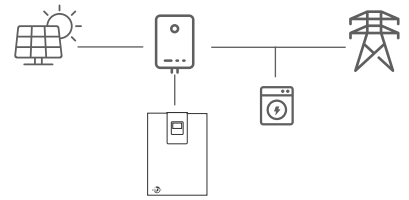


- ✓ Modern Design
- ✓ Compact Size
- ✓ Extreme Safety
- ✓ Data Visualization
- ✓ Indoor Installation
- ✓ Excellent Scalability
- ✓ Good Controllability
- ✓ Cloud Service

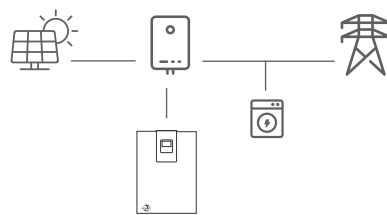
## System Layout



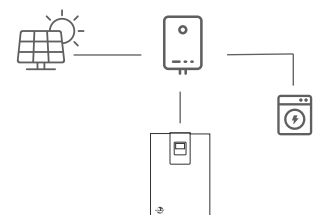
Peak Shaving



Self-Consumption



Energy Surplus



Energy Outage

- Residential Grid-tie Solar with Backup Power
- Self-Consumption
- Off-Grid Power Supply
- Energy Emergency and Outage



## W5000 Specifications

|                           |  |
|---------------------------|--|
| Battery Type              | LiFePO4  |
| Rated Energy              | 5120Wh   |
| Nominal Capacity          | 100Ah  |
| Rated Voltage             | 51.2V  |
| Cell model                | 3.2V 100Ah   |
| Combination Mode          | 16S1P  |
| Discharge Cut-off Voltage | 43.2V  |
| Recommend Charging        | 56.8V  |
| Max. Charging Current     | 95A  |
| Max. Discharging Current  | 95A  |
| Communication             | CAN、RS485、WiFi   |
| Compitable Inverter Brand | SMA, Growatt, Solax, Solis, DEYE, Sofar, Voltronic, , Studer, etc.                         |
| Cycle life                | ≥6000 times@25°C   |
| Dimension W*H*D           | 450*635*180 mm   |
| Net Weight                | 53KG   |
| Cooling                   | Natural cooling  |
| Installation              | Wall-mount In  |
| Discharge Temperature     | -20°C ~ 50°C   |
| Charge Temperature        | 0°C ~ 50°C   |
| Storage Conditions        | -20°C ~ 55°C<br>(0°C ~ 35°C Recommended)<br>Up to 95 %RH, non-condensing, Initial SoC: 50% |
| Maximum Elevation         | 2000 m (6561 ft)   |