

W5000

Wall-mount

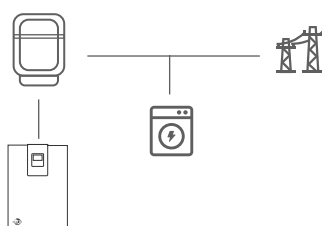
Pocket series W5000 is a lithium iron phosphate battery system product, which can be used to provide safe, reliable, and stable energy for various equipment. Meanwhile, the module supports expansion on both capacity and power by multiple parallel uses. It supports CAN, RS485 & RS232 communication, and can meet the requirements of Mainstream PV inverter communication protocols. Products can be widely used in household energy storage, industrial and commercial energy storage and other fields.

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

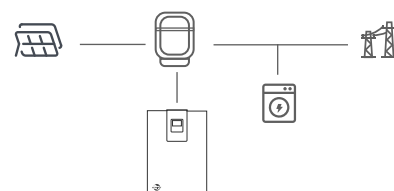
Your Green Energy Coagent



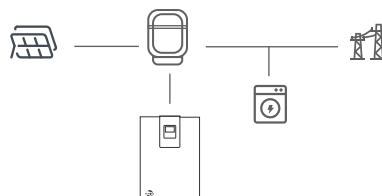
System Layout



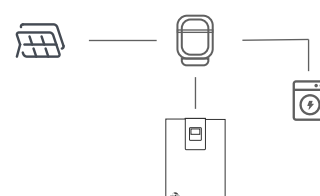
Peak Shaving



Self-Consumption



Energy Surplus



Energy Outage

- Residential grid-tie solar with backup power
- Self-Consumption
- Off-Grid Power Supply
- Energy Emergency and Outage

635 mm



W5000 Specification

Battery Type	LiFePO4
Rated Energy	5120Wh
Nominal Capacity	100Ah
Rated Voltage	51.2V
Cell model	3.2V 100Ah Pirsmatic Battery Cell
Combination Mode	16S1P
Discharge Cut-off Voltage	46.8V
Charge Cut-off Voltage	56.8V
Max. Charge Current	100A
Max. Discharge Current	100A
Communication	RS485/RS232/CAN
Compitable Inverter Brand	SMA, Growatt, Solax, Solis, DEYE, Sungrow, Sofar, Voltronic, Sorotec, Studer, etc.
Scalability	3.2V 100Ah Pirsmatic Battery Cell
Cycle life	6000 times
Dimension H*W*D (mm)	635*450*190
Net Weight (KG)	55±2KG
Cooling	Natural cooling
Installation	Wall-mount In/Outdoor
Discharge Temperature (°C)	-20°C ~ +55°C
Charge Temperature (°C)	0°C ~ +55°C
Storage Conditions	-20°C to 30°C (-4°F to 86°F) Up to 95% RH, non-condensing State of Energy (SoE): 25% initial
Maximum Elevation	2000 m (6561 ft)