

Wall-Mount ESS

W5000

5.12 kWh



HIGH PERFORMANCE

- >8000 Life Cycles.
- 100(W5000) / 314 (W16K) Cell Capacity.



SAFE AND RELIABLE

- IP55 (W5000) / IP65 (W16K) protection degree.



USER FRIENDLY SETUP

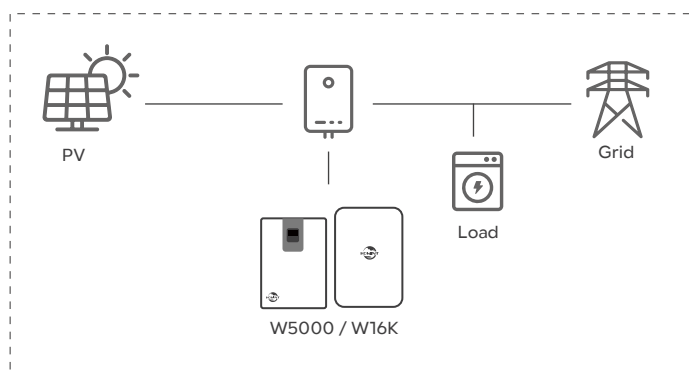
- Display Screen allows for real-time monitoring.
- Could platform / APP remote monitor.



EASY INSTALLATION

- Wall-mount design saves installation space.
- Lightweight and convenient ,Easy to install.

System Layout



System Demonstration



● Product Specifications

System Characteristics

Battery Type	LiFePO4
Rated Energy(kWh)	5.12
Cell Capacity(Ah)	100
Rated Voltage(V)	51.2
Cell Model	3.2V 100Ah
Combination Mode	16S1P
Discharge Cut-off Voltage(V)	43.2
Recommend Charding(V)	56.8
Max. Charging / Discharging Curent(A)	95
Primary Overcurrent Protection(A)	98A@10S
Secondary Overcurrent Protection(A)	120A@2S
Communication	RS485 / CAN / RS232
Compatible Inverter Brand	SMA, Growatt, Solax, Solis, DEYE, Sofar, Voltronic, Studer, etc
Cycle life	≥8000 times@25°C
Dimension(W*D*H)	450*180*35mm
Net Weight(Approximate)	53kg
Protection Degree	IP55
Cooling	Natural Cooling
Installation	Wall-Mount In
Discharge Temperature(°C)	- 20 ~ 50
Charge Temperature(°C)	0 ~ 50
Storage Conditions	-20 ~ 55°C(0 ~ 35°C Recommended)Up to 95 % RH, non-condensing, Initial So: 50 %
Battery Compliances	IEC 62619, UN 38.3, UL1973, UKCA, CEI 0-21, EN-62311, EN-61000