

Wall-Mount ESS

W5000/W16K

5.12 / 16.0kWh



HIGH PERFORMANCE

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



SAFE AND RELIABLE

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



USER FRIENDLY SETUP

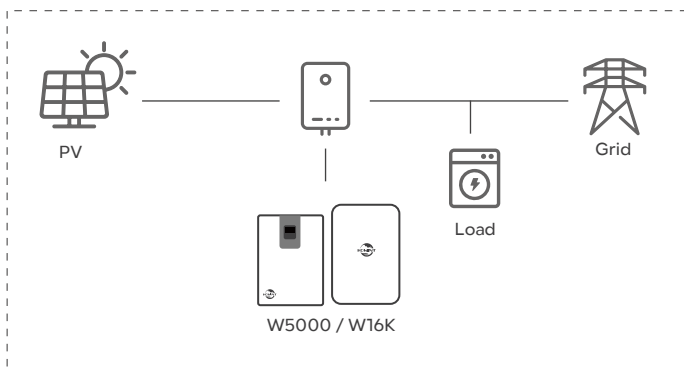
- Display Screen allows for real-time monitoring.
- Cloud platform / APP remote monitor.



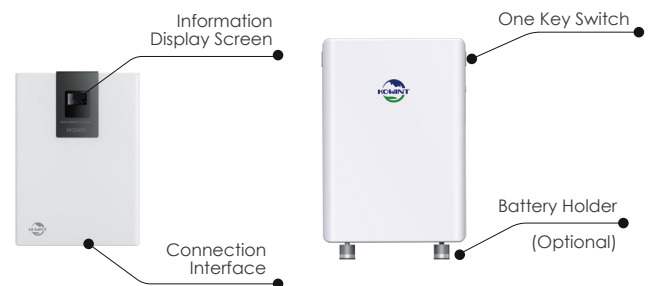
EASY INSTALLATION

- 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	16
Cell Capacity(Ah)	100	314
Rated Voltage(V)	51.2	
Cell Model	3.2V 100Ah	3.2V 314Ah
Combination Mode	16S1P	
Discharge Cut-off Voltage(V)	43.2	
Recommend Charging(V)	56.8	
Max. Charging / Discharging Current(A)	95	200
Primary Overcurrent Protection(A)	98A@10S	210A@10S
Secondary Overcurrent Protection(A)	120A@2S	250A@500mS
Communication	RS485 / CAN / RS232	
Compatible Inverter Brand	SMA, Growatt, Solax , Solis, DEYE , Sofar , Voltronic , Studer , etc	
Cycle life	≥8000 times @ 25°C	
Dimension(W*H*D)(mm)	450 * 635 * 180	560 * 800 * 200
Net Weight(kg)	53	133
Protection Degree	IP55	IP65
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 %	