

Wall-Mount ESS

W16K

16kWh



HIGH PERFORMANCE

- >8000 Life Cycles.
- 314Ah Cell Capacity.



SAFE AND RELIABLE

- IP65 protection degree.



USER FRIENDLY SETUP

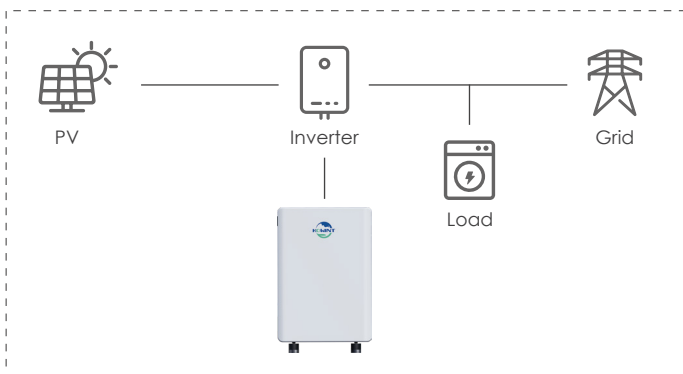
- Display Screen allows for real-time monitoring.
- Could platform / APP remote monitor.



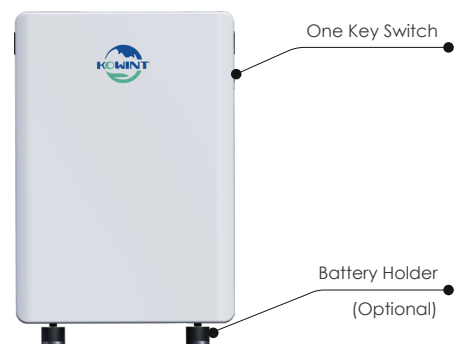
EASY INSTALLATION

- 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)	16
Cell Capacity(Ah)	314
Rated Voltage(V)	51.2
Cell Model	3.2V 314Ah
Combination Mode	16S1P
Discharge Cut-off Voltage(V)	43.2
Recommend Charding(V)	56.8
Max. Charging / Discharging Curent(A)	200
Primary Overcurrent Protection(A)	210A@10S
Secondary Overcurrent Protection(A)	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*D*H(mm)	560*200*800/22*7.8*31.5
Net Weight(kg/lb)	126/278
Protection Degree	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 %
Battery Compliances	IEC 62619, UN 38.3, CEI 0-21, EN-61000
Warranty [1]	10 Years

[1] Please refer to the warranty letter for details