

Wall-mount
Energy Storage System

PowerBase X16

16.0kWh



Key Features



Safety

Tier-1 LifePo4 battery and Intelligent BMS to ensure high safety and excellent performance



Reliability

Battery & BMS R&D Since 2014,
80,000 Battery Modules in 90+ Countries



High Usable Capacity

100% Usable Capacity



Convenient operation

One-button switch,
Easy capacity Expansion



Intelligent Management

App-based Monitoring and Analysis,
Remote Diagnosis, and OTA Updates



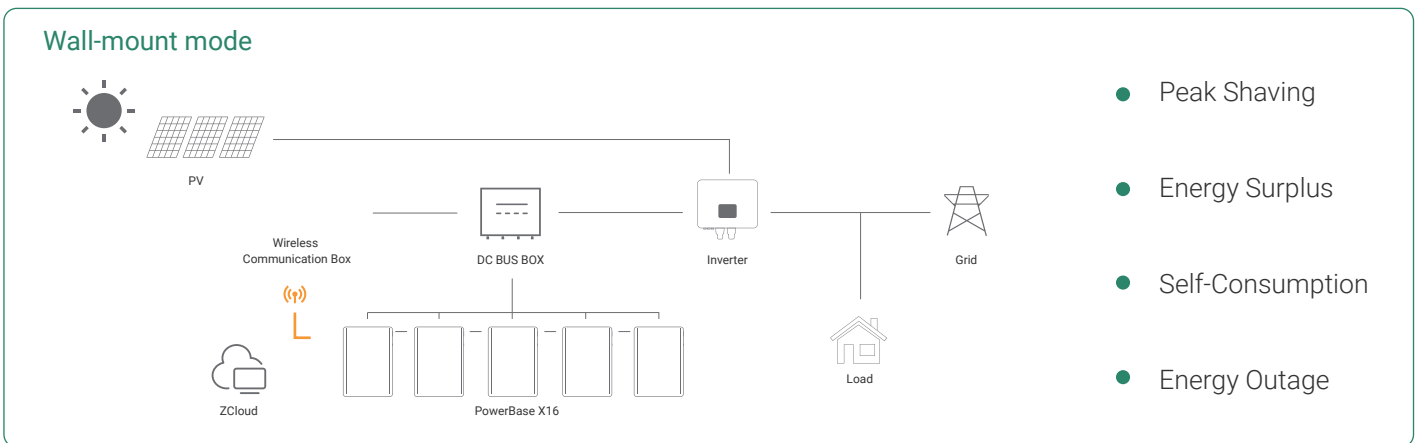
Compact Design

Beautiful appearance,
wall-mounted decoration

■ Main Parameters

Battery Type	LiFePO4
Rated Energy	16kWh
Cell Capacity	314Ah
Rated Voltage	51.2V
Cell model	3.2V 314Ah
Combination Mode	16S1P
Discharge Cut-off Voltage	43.2V
Recommend Charging	56.8V
Max. Charging/Discharging Current	200A
Primary Overcurrent Protection (A)	210A@10S
Secondary Overcurrent Protection (A)	250A@500mS
Communication	RS485/CAN/RS232
Compitable Inverter Brand	SMA, Growatt,Solis,DEYE, Sofar, Voltronic, Studer, etc.
Cycle life	≥8000 times@25°C
Dimension W*H*D	560*800*200 mm
Net Weight	133kg
Protection Degree	IP 65
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(0°C ~ 35°C Recommended)Up to 95 %RH, non-condensing, Initial SoC: 50%
Maximum Altitude	3000 m (6561 ft)

■ System Layout



■ Effect Display

