



Mobile energy storage battery series



Product Highlights

Safe and Reliable

BMS and circuit breaker secondary overcurrent protection

Express Setup

Plug and play battery interface

Fast Charging

High charging and discharging rates support safe 200A fast charging/200A discharging

Flexible Expansion Coverage

Modular design, supporting up to 15 parallel machines

High Compatibility

Compatible with most inverter brands in the market

MODEL	YP51314-16KWH
Rate voltage(Vdc) (Vdc)	51.2
Rate energy (KWh)	14.3/16.07
Rate capacity (AH)	280/314
Cell combination	16S1P
Cycle life	25±2℃, 0.5C/0.5C, EOL70% ≥6000
Max. charge current (A)	200A
Max. discharge current (A)	200A
Discharge cut-off voltage (VDC)	43.2
Charge cut-off voltage (VDC)	57.6
Charge temperature	0℃~55℃
Discharge temperature	-20℃~55℃
Storage temperature	-20℃~50℃@60±25% Relative Humidity
IP class	IP65
Material system	LiFePO4
Case material	Metal
Case type	Mobile Power
Product dimension L*W*H (mm)	1065*460*271
Net weight (kg)	123kg
Protocol(Optional)	CAN/RS485/RS232
Monitoring	Bluetooth/WLAN Optional
Certificates	UN38.3, MSDS

