



# 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 C , 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°C ~55°C
Discharge temperature	-20°C ~55°C
Storage temperature	-20°C ~50°C @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

