

# Lithium Battery

## LFP1250



### Features Of LiFePO4 Battery

- Ultra light weight
- High integration, small size, high energy density
- Eco-friendly clean energy
- Long lifespan sustainable
- High efficiency

### Application scenarios

- Electric vehicles, Electric mobility
- Solar/wind energy storage system
- Telecommunication
- Medical equipment
- Lighting

### Specification

Nominal Voltage	12.8V
Working Voltage	10-14.6V
Nominal Capacity	50.0Ah
Energy	640Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	Cylindrical
Combination method	3.6Ah,14P4S
Weight	ABOUT 6.5KG
Dimension LxWxH	L257W132H200mm
Fixed size	NO
Terminal Type	T6
Shell type	ABS
Handle	No
Storage Temp. short term	-20-40°C
Storage Temp. long term	-20-35°C
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5°C, RH50%



### Charging

Recom. Charging Current	25.0 A
Upper limit voltage	14.6V
Charging Temp. Range	0~55°C

### DisCharging

Max Continuous Discharge	50.0A
Max Discharge current	160A@50ms
Lower limit voltage	10.0V
BMS Voltage Recovery	11.2V
Discharge Temp. Range	-20-60°C

### Function (optional)

(CAN/RS485), Bluetooth, 4G, Screen, Charger

### Physical Dimension-mm

