

# Lithium Battery

## LFP1204



### 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	4.0Ah
Energy	51.2Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	4Ah,1P4S
Weight	ABOUT 0.5KG
Dimension LxWxH	L90W70H101mm
Fixed size	NO
Terminal Type	T1
Shell type	ABS
Handle	NO
Storage Temp. short term	-20-45°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	2.0A
Upper limit voltage	14.6V
Charging Temp. Range	0~55°C

### DisCharging

Max Continuous Discharge	4.0A
Max Discharge current	8A@30s
Lower limit voltage	10.0V
BMS Voltage Recovery	10.0V
Discharge Temp. Range	-20-60°C

### Function (optional)

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

### Physical Dimension-mm

