

Lithium Battery

LFP1212



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 | 12.0Ah |
| Energy | 153.6Wh |
| Self Discharge | ≤3% Per Month |
| IP Grade | IP65 |
| Positive material | Lithium ironphosphate |
| Cell type | Cylindrical |
| Combination method | 4.0Ah,3P4S |
| Weight | ABOUT 1.4KG |
| Dimension LxWxH | L151W98H98mm |
| Fixed size | NO |
| Terminal Type | T2 |
| Shell type | ABS |
| Handle | No |
| Storage Temp. short term | -20-45°C |
| Storage Temp. long term | -20-25°C |
| Cycle Life | 5000 cycles |
| Heating function | No |
| Cooling type | No |
| Insulation | 20MΩ/1000VDC, @25±5°C, RH50% |
| Connection options | Single Use |



Charging

| | |
|-------------------------|--------|
| Recom. Charging Current | 6.0A |
| Upper limit voltage | 14.6V |
| Charging Temp. Range | 0~45°C |

DisCharging

| | |
|--------------------------|----------|
| Max Continuous Discharge | 15.0A |
| Max Discharge current | 30A@11ms |
| Lower limit voltage | 10.0V |
| BMS Voltage Recovery | 11.2V |
| Discharge Temp. Range | -20-60°C |

Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

Physical Dimension-mm

