

# Lithium Battery

## LFP2407



### 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	25.6V
Working Voltage	20-29.2V
Nominal Capacity	7.0Ah
Energy	179.2Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Cylindrical
Combination method	3.6Ah,2P8S
Weight	ABOUT 2.0KG
Dimension LxWxH	L181.5W77H167.5mm
Fixed size	NO
Terminal Type	M6
Shell type	ABS
Handle	YES
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	3.6A
Upper limit voltage	29.2V
Charging Temp. Range	0~45°C

### DisCharging

Max Continuous Discharge	15.0A
Max Discharge current	16A@200ms
Lower limit voltage	20.0V
BMS Voltage Recovery	22.4V
Discharge Temp. Range	-20-60°C

### Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

### Physical Dimension-mm

