

# Lithium Battery

## LFP24120



### 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	120Ah
Energy	3072Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Cylindrical
Combination method	6Ah,20P8S
Weight	ABOUT 28.1KG
Dimension LxWxH	L522W240H224mm
Fixed size	NO
Terminal Type	M8
Shell type	ABS
Handle	YES
Storage Temp. short term	-20-45°C
Storage Temp. long term	0-35°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	25A
Upper limit voltage	29.2V
Charging Temp. Range	0~45°C

### DisCharging

Max Continuous Discharge	50.0A
Max Discharge current	175A@20ms
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

