

# Lithium Battery

## LFP12150



### 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	150.0Ah
Energy	1920Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	150Ah,1P4S
Weight	ABOUT 14.8KG
Dimension LxWxH	L483W170H238.5mm
Fixed size	NO
Terminal Type	T11
Shell type	ABS
Handle	YES
Storage Temp. short term	-10-45°C
Storage Temp. long term	-10-40°C
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5°C, RH50%



### Charging

Recom. Charging Current	75A
Upper limit voltage	14.6V
Charging Temp. Range	0~55°C

### DisCharging

Max Continuous Discharge	150.0A
Max Discharge current	225A@30s
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

