

Lithium Battery

LFP12200



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	200.0Ah
Energy	2560Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	100Ah,2P4S
Weight	ABOUT 20.0KG
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	100A
Upper limit voltage	14.6V
Charging Temp. Range	0~45°C

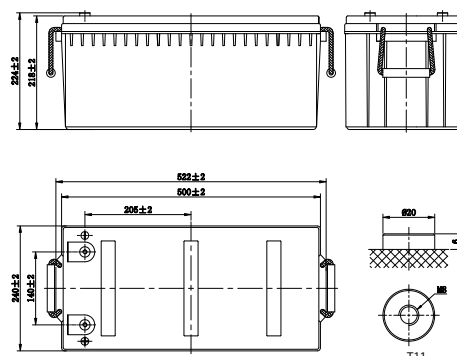
DisCharging

Max Continuous Discharge	150.0A
Max Discharge current	500A@50ms
Lower limit voltage	10.0V
BMS Voltage Recovery	11.2V
Discharge Temp. Range	-20-55°C

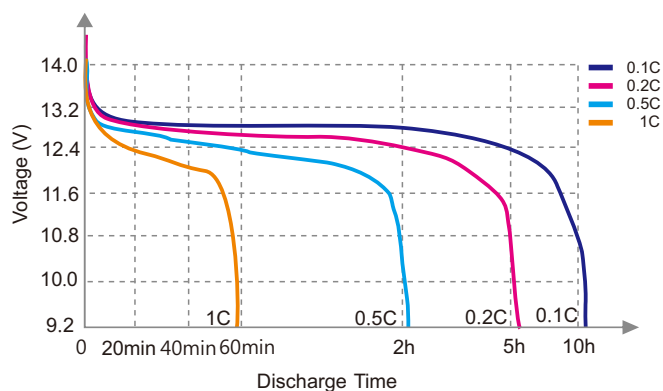
Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

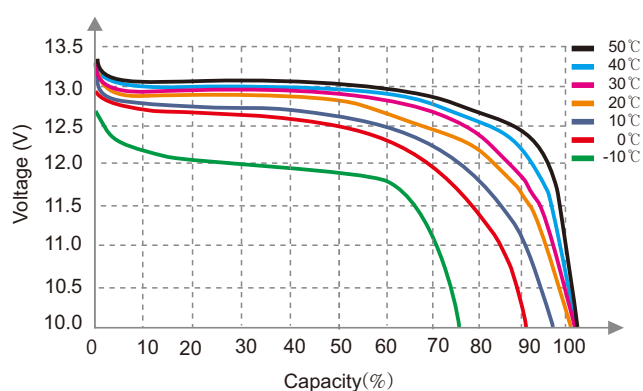
Physical Dimension-mm



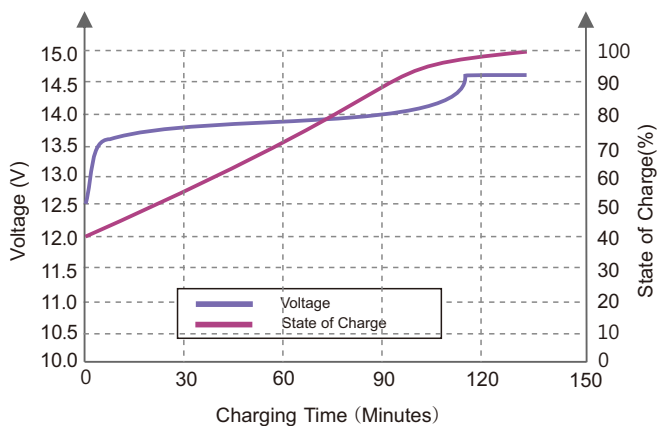
Different Rate Discharge Curve(25°C)



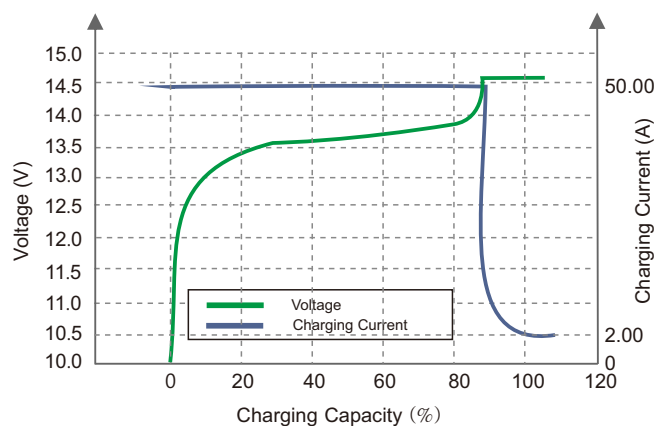
Different Temperature Discharge Curve(0.5C)



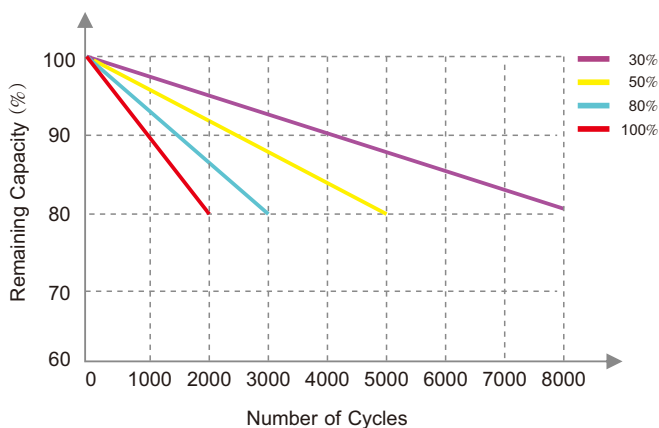
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

