

Lithium Battery

LFP24100



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	100.0Ah
Energy	2560Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	100Ah,1P8S
Weight	ABOUT 20.6KG
Dimension LxWxH	L522 W240 H218mm
Fixed size	NO
Terminal Type	M8
Shell type	ABS
Handle	Yes
Storage Temp. short term	0-45°C
Storage Temp. long term	0-30°C
Cycle Life	5000 cycles@0.5C, 80%DOD
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5°C, RH50%
Connection options	Up to 4P in parallel
Bluetooth	Yes



Charging

Recom. Charging Current	50.0A
Upper limit voltage	29.2V
Charging Temp. Range	0~55°C

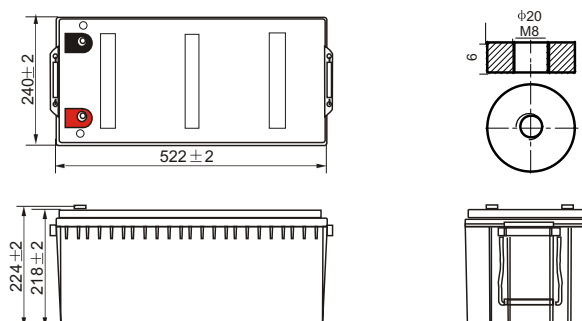
DisCharging

Max Continuous Discharge	100.0A
Max Discharge current	150A@1S
Lower limit voltage	20.0V
BMS Voltage Recovery	22.4V
Discharge Temp. Range	-20-60°C

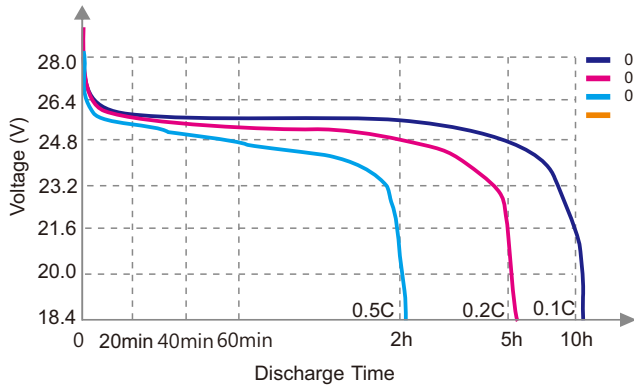
Function (optional)

(CAN/RS485), Screen, Charger

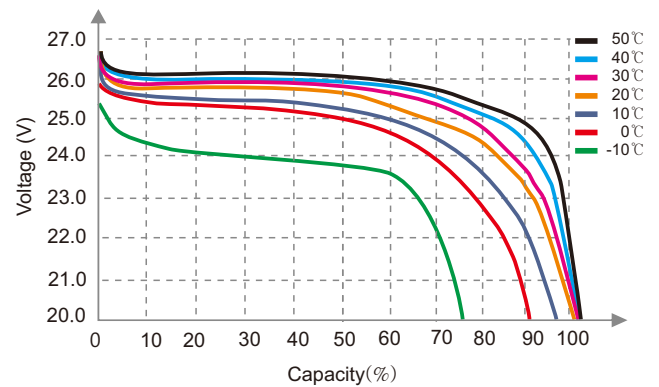
Physical Dimension-mm



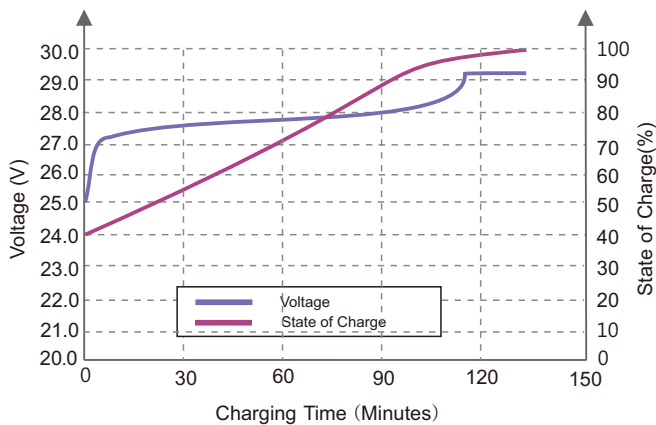
Different Rate Discharge Curve(25°C)



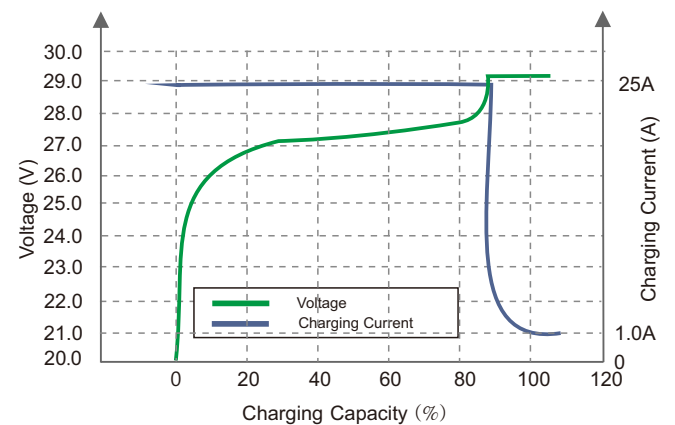
Different Temperature Discharge Curve(0.5C)



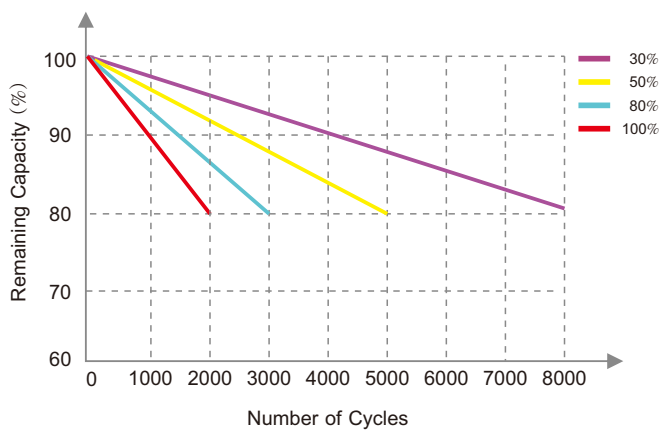
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

