

Lithium Battery

LFP12120C



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 (cyclic mode)
Nominal Capacity	120.0Ah
Energy	1536 Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	Cylinder
Combination method	25P4S
Weight	ABOUT 12 KG
Dimension LxWxH	L330W173H212mm
Fixed size	NO
Terminal Type	M8
Shell type	ABS
Handle	Yes
Storage Temp. short term	-10-60°C
Storage Temp. long term	-10-60°C
Cycle Life	5000 cycles
Overvoltage protection	3.72/cell
Undervoltage protection	2.45/cell
Internal resistance of full battery	<10mΩ
Short circuit protection	1200A @50ms
Design life	15 year



Charging

Recom. Charging Current	60.0 A
Upper limit voltage	14.6V
Charging Temp. Range	-10~60°C

DisCharging

Max Continuous Discharge	120.0A
Max Discharge current	300A@50ms
Lower limit voltage	10.0V
BMS Voltage Recovery	11.2V
Discharge Temp. Range	-10-60°C

Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

Physical Dimension-mm

