

Lithium Battery

LFP12100



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	100 Ah
Energy	1280 Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	1P4S
Weight	ABOUT 10.5 KG
Dimension LxWxH	L330W173H212mm
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	4P4S



Charging

Recom. Charging Current	50.0 A
Upper limit voltage	14.6V
Charging Temp. Range	0~45°C

DisCharging

Max Continuous Discharge	100.0A
Max Discharge current	300A@170ms
Lower limit voltage	10.0V
BMS Voltage Recovery	11.2V
Discharge Temp. Range	-20-55°C

Physical Dimension-mm

