

Lithium Battery

LFP1280



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	80Ah
Energy	960Wh
Self Discharge	≤3% Per Month
IP Grade	IP30
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	80Ah,1P4S
Weight	ABOUT 8.1KG
Dimension LxWxH	L260W168H214mm
Fixed size	NO
Terminal Type	M6
Shell type	ABS
Handle	Yes
Storage Temp. short term	-20-45°C
Storage Temp. long term	-20-35°C
Cycle Life	5000 cycles
Heating function	Yes
Bluetooth function	Yes
Insulation	20MΩ/1000VDC, @25±5°C, RH50%
Connection options	4S4P



Charging

Recom. Charging Current	40A
Upper limit voltage	14.6V
Charging Temp. Range	-5~55°C

DisCharging

Max Continuous Discharge	80.0A
Max Discharge current	112.5A@30S
Lower limit voltage	10.0V
BMS Voltage Recovery	10.8V
Discharge Temp. Range	-30-60°C

Physical Dimension-mm

