

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	
Rated Capacity	80Ah	
Energy	1024Wh	
Positive Material	LFP	
Approx. Weight	Approx.8.1Kg	
Dimension	Length	260mm
	Width	168mm
	Container Height	208mm
Terminal Type	M6	
Container Material	ABS	
Ingress Protection	IP65	
Temp. Range	Charge	0-55°C
	Discharge	-20~60°C
	Storage	-20~60°C
Recom. Temp. Range	Charge	15-35°C
	Discharge	15-35°C
	Storage	-10~35°C
Cycle Number	5000 cycles	
Self-discharge Rate	≤3%/Month@25°C	

Charge

Max Continuous Charge Current	80.0A
Recom. Charge Current	16.0A
Upper Limit Voltage	14.6V

DisCharge

Max Continuous Discharge Current	80.0A
Recom. Discharge Current	40.0A
Lower Limit Voltage	10V

Additional Function

Bluetooth, Heating

Physical Dimension-mm

