

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		100Ah
Energy		1280Wh
Positive Material		LFP
Approx. Weight		10.5kg
Dimension	Length	330mm
	Width	173mm
	Container Height	212mm
Terminal Type		M8
Container Material		ABS
IP Rating		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		≤3% Per Month
Max.number of series and parallel connections		4S or 4P



Charge

Max Continuous Charge Current	100.0A
Recom. Charge Current	20.0A
Upper Limit Voltage	14.6V

DisCharge

Max Continuous Discharge Current	100.0A
Recom. Discharge Current	50.0A
Lower Limit Voltage	10V

Additional Function

Bluetooth

Physical Dimension-mm

