

# 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		10.25kg
Dimension	Length	306mm
	Width	168mm
	Container Height	208mm
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	20A
Upper Limit Voltage	14.6V

## DisCharge

Max Continuous Discharge Current	100.0A
Recom. Discharge Current	50A
Lower Limit Voltage	10V

## Additional Function

Bluetooth、Heating

## Physical Dimension-mm

