

# LITHIUM BATTERY

LFP1250

## Features Of LiFePO<sub>4</sub> 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		50Ah
Energy		640Wh
Positive Material		LFP
Weight		Approx.5.9Kg
Dimension	Length	258mm
	Width	133mm
	Container Height	199mm
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	50.0A
Recom. Charge Current	10.0A
Upper Limit Voltage	14.6V

## DisCharge

Max Continuous Discharge Current	50.0A
Recom. Discharge Current	25.0A
Lower Limit Voltage	10V

## Additional Function

Bluetooth

## Physical Dimension-mm

