

# 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

