

# LITHIUM BATTERY

LFP1250



## 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		50Ah
Energy		640Wh
Positive Material		LFP
Approx. Weight		6.5kg
Dimension	Length	257mm
	Width	132mm
	Container Height	200mm
Terminal Type		M6
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	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

