

# LITHIUM BATTERY

LFP1218



## 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		18Ah
Energy		230.4Wh
Positive Material		LFP
Weight		Approx.2.6Kg
Dimension	Length	181.5mm
	Width	77mm
	Container Height	167.5mm
Terminal Type		M6/T3
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	10.0A
Recom. Charge Current	2.0A
Upper Limit Voltage	14.6V

## DisCharge

Max Continuous Discharge Current	10.0A
Recom. Discharge Current	5.0A
Lower Limit Voltage	10V

## Additional Function

/

## Physical Dimension-mm

