

# LITHIUM BATTERY

LFP1280

## 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		80Ah
Energy		1024Wh
Positive Material		LFP
Approx. Weight		Approx.8.1Kg
Dimension	Length	260mm
	Width	168mm
	Container Height	208mm
Terminal Type		M6
Container Material		ABS
Ingress Protection		IP65
Temp. Range	Charge	0-55℃
	Discharge	-20~60℃
	Storage	-20~60℃
Recom. Temp. Range	Charge	15-35℃
	Discharge	15-35℃
	Storage	-10~35℃
Cycle Number		5000 cycles
Self-discharge Rate		≤3%/Month@25℃



## Charge

Max Continuous Charge Current	80.0A
Recom. Charge Current	16.0A
Upper Limit Voltage	14.6V

## DisCharge

Max Continuous Discharge Current	80.0A
Recom. Discharge Current	40.0A
Lower Limit Voltage	10V

## Additional Function

Bluetooth、Heating

## Physical Dimension-mm

