

# LITHIUM BATTERY

## LFP1275

### 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	75Ah	
Energy	960Wh	
Positive Material	LFP	
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°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	75.0A
Recom. Charge Current	15.0A
Upper Limit Voltage	14.6V

### Discharge

Max Continuous Discharge Current	75.0A
Recom. Discharge Current	37.5A
Lower Limit Voltage	10V

### Additional Function

Bluetooth

### Physical Dimension-mm

