

# LITHIUM BATTERY

## LFP1209



### 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	9Ah	
Energy	115.2Wh	
Positive Material	LFP	
Approx. Weight	1.1kg	
Dimension	Length	151mm
	Width	65mm
	Container Height	93.5mm
Terminal Type	T2	
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	2S or 4P	

### 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

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### Physical Dimension-mm

