

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
Rated Capacity		9Ah
Energy		115.2Wh
Positive Material		LFP
Weight		Approx.1.1Kg
Dimension	Length	151mm
	Width	65mm
	Container Height	93.5mm
Terminal Type		T2
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	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

