

# LITHIUM BATTERY

## LFP1220



### 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	20Ah	
Energy	256Wh	
Positive Material	LFP	
Approx. Weight	2.63kg	
Dimension	Length	181.5mm
	Width	77mm
	Container Height	167.5mm
Terminal Type	T3	
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	4S 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

