

# LITHIUM BATTERY

## LFP1218



### 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	18Ah	
Energy	230.4Wh	
Positive Material	LFP	
Weight	Approx.2.6Kg	
Dimension	Length	181.5mm
	Width	77mm
	Container Height	167.5mm
Terminal Type	M6/T3	
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	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

