

## 12 VOLT / 200 AMP HOUR LIFEP04 LITHIUM BATTERY



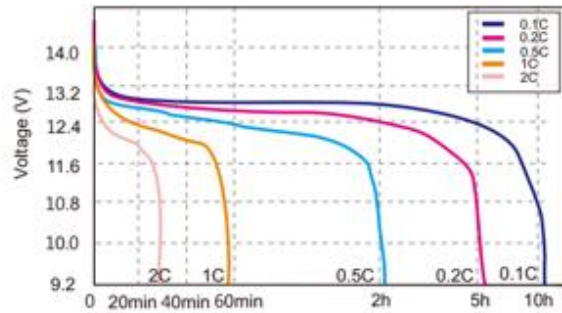
Item	Specification
Cell Type	LiFePO4
Nominal Capacity	200Ah
Nominal voltage	12.8V
Charge Cut-off Voltage	14.6V±0.2V
Discharge Cut-off Voltage	10.0V±0.4V
Max Charge Current	80A
Continuous Discharge Current	120A
Peak Instantaneous Discharge Current	200A
Battery Housing	Plastic Casing, Black
Operating temperature	Charging: 0°C~45°C
	Discharging: -10°C~60°C
Storage temperature	-5°C~35°C
Storage Humidity	≤75% RH
Standard environmental condition	Temperature: 25±2°C
	Humidity: 45-75%RH
	Atmospheric Pressure: 86-106 KPA
Discharge/Charge connector	Screw bolt (M8)
Size	20.5" x 9.5" x 8.7"
Net Weight	53LBS

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## LITHIUM BATTERY SPECIFICATIONS

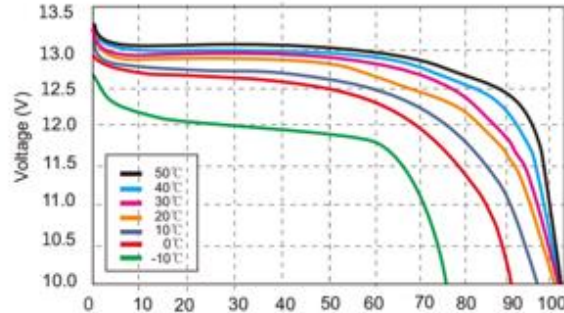
### Different Rate Discharge Curve

Different Rate Discharge Curve @25°C



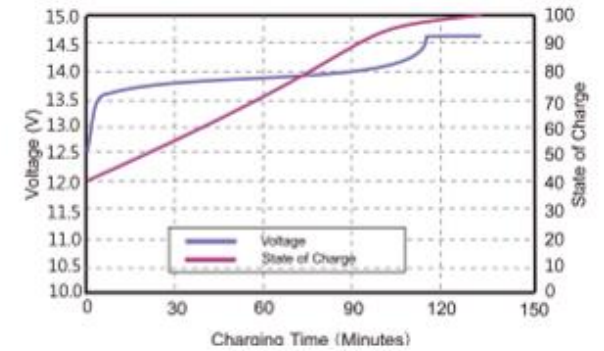
### Different Temperature Discharge Curve

Different Temperature Discharge Curve @0.5C



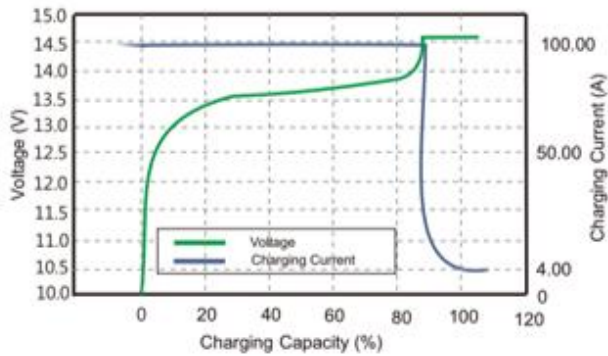
### State of Charge Curve

State of Charge Curve @0.5C 25°C



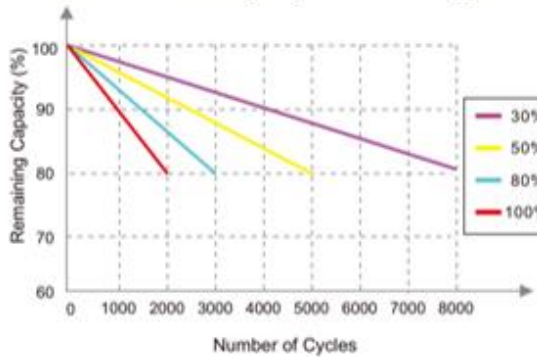
### Charging Characteristics

Charging Characteristics @0.5C 25°C



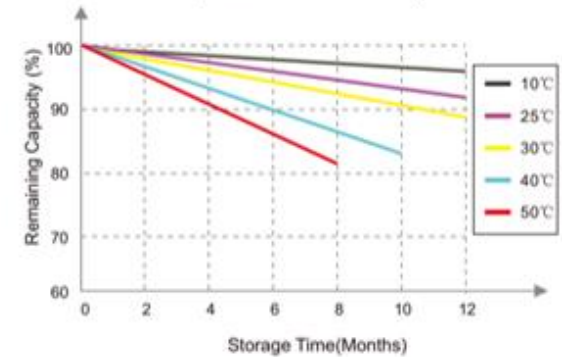
### Cycle Life Curve

Different DOD Discharge Cycle Life Curve @1C



### Self Discharge Characteristics Curve

Different Temperature Self Discharge Curve



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## LITHIUM BATTERY INTERNATIONAL WARRANTY

The period of the warranty begins on the date of delivery to the original user and lasts for the period shown. This warranty excludes any and all damages caused during shipping. This warranty includes all international customers, including international freight. Extended warranties are available through your reseller or dealer.

Product	Warranty Period	What's Covered	Freight Paid?
LIFEPO4	Four Years	Parts and Labor	If Defective
Li(NiCoMn)O2	Three Years	Parts and Labor	If Defective

MODEL NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

NAME OF ORIGINAL USER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE NUMBER OR EMAIL: \_\_\_\_\_