

## 12 VOLT / 100 AMP HOUR LIFEP04 LITHIUM BATTERY



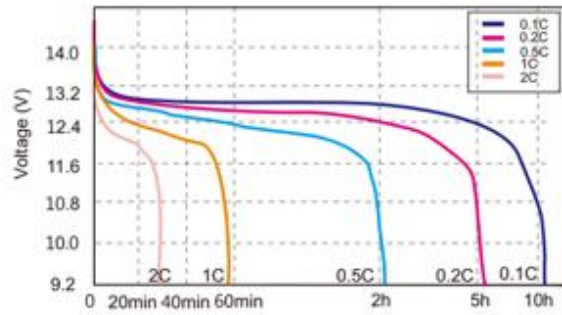
Item	Specification
Cell Type	LiFePO4
Nominal Capacity	100Ah
Nominal voltage	12.8V
Charge Cut-off Voltage	14.6V±0.4V
Discharge Cut-off Voltage	10.0V±0.4V
Max Charge Current	30A (40A/50A Optional)
Continuous Discharge Current	80A (100A/120A Optional)
Peak Instantaneous Discharge Current	160A
Battery Housing	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	12.8" x 8.5" x 6.8"
Net Weight	26LBS

# 12 VOLT / 100 AMP HOUR LIFEP04 LITHIUM BATTERY

## LITHIUM BATTERY SPECIFICATIONS

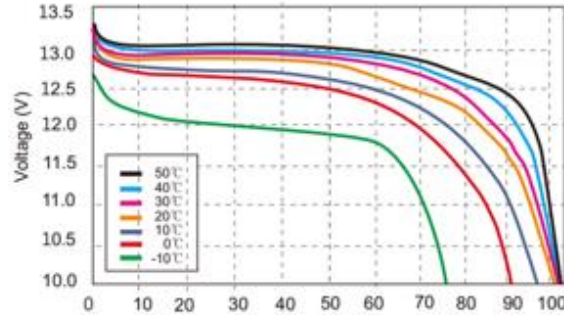
**Different Rate Discharge Curve**

Different Rate Discharge Curve @25°C



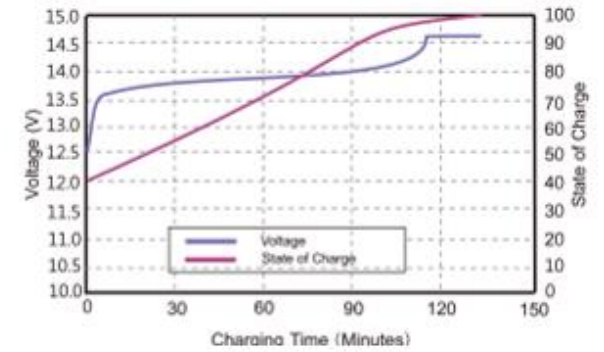
**Different Temperature Discharge Curve**

Different Temperature Discharge Curve @0.5C



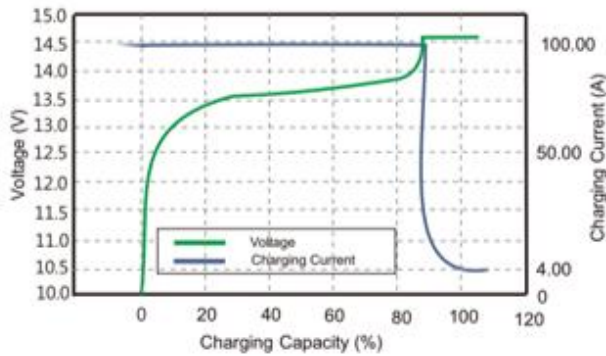
**State of Charge Curve**

State of Charge Curve @0.5C 25°C



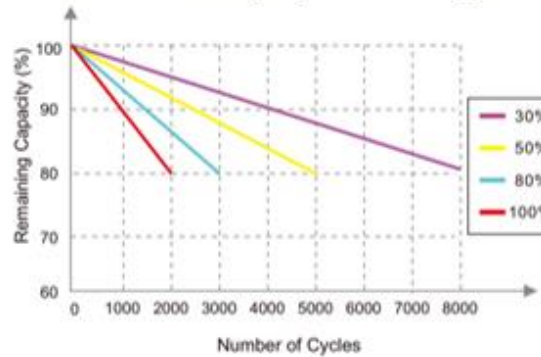
**Charging Characteristics**

Charging Characteristics @0.5C 25°C



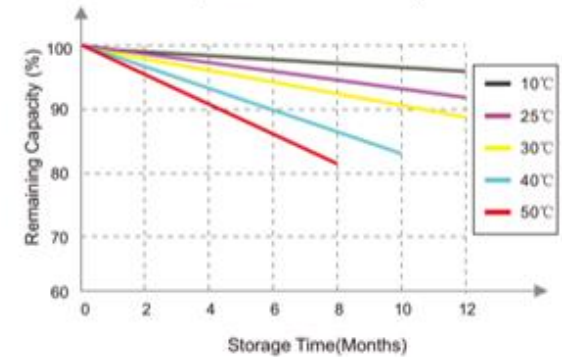
**Cycle Life Curve**

Different DOD Discharge Cycle Life Curve @1C



**Self Discharge Characteristics Curve**

Different Temperature Self Discharge Curve



# 12 VOLT / 100 AMP HOUR LIFEPO4 LITHIUM BATTERY

## 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: \_\_\_\_\_