

## 12 VOLT / 400 AMP HOUR LIFEP04 LITHIUM BATTERY



Pictured with M8 Screw Style Terminals (Optional)



Pictured with Anderson-Style Terminals (Optional)

Item	Specification
Cell Type	LiFePO4
Nominal Capacity	400Ah
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	100A (Customizable)
Peak Instantaneous Discharge Current	200A (Customizable)
SOC Display	LED Display
Battery Housing	Metal Case, 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	20.6" x 10.6" x 8.85" / 525 x 270 x 225mm
Net Weight	105 LBS / 48KGS

# 12 VOLT / 400 AMP HOUR LIFEP04 LITHIUM BATTERY

## BATTERY TERMINAL OPTIONS

### ANDERSON-STYLE BATTERY CONNECTOR

(Includes Male and Female Ends)



Metal Case with Anderson Connector



### SCREW-IN STYLE BATTERY CONNECTOR

(For use with Standard Eyelet or Auto-Style Connection)



Plastic Case with Screw In Style



+



+



Metal Case with Screw In Style



+



+

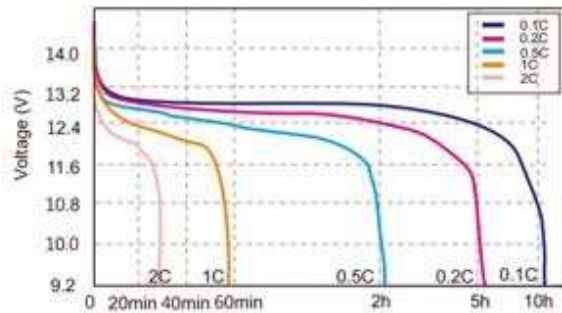


# 12 VOLT / 400 AMP HOUR LIFEP04 LITHIUM BATTERY

## LITHIUM BATTERY SPECIFICATIONS

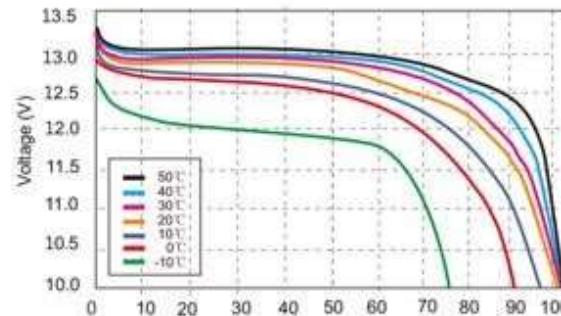
**Different Rate Discharge Curve**

Different Rate Discharge Curve @25°C



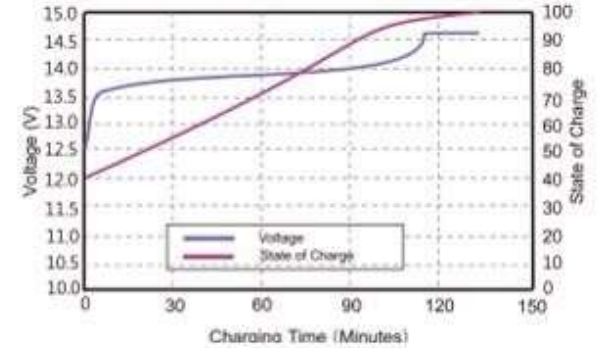
**Different Temperature Discharge Curve**

Different Temperature Discharge Curve @0.5C



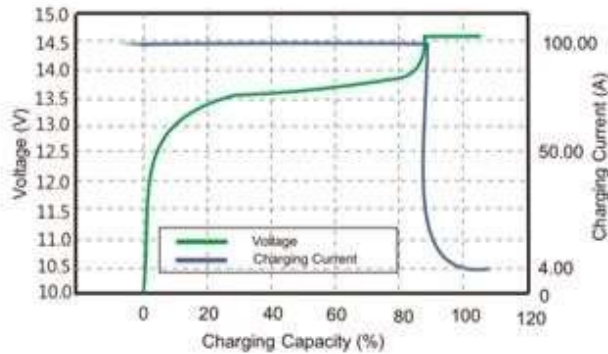
**State of Charge Curve**

State of Charge Curve @0.5C 25°C



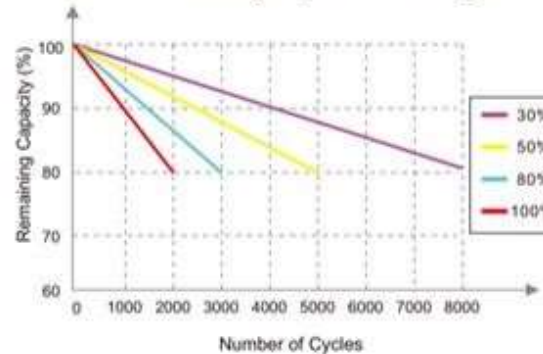
**Charging Characteristics**

Charging Characteristics @0.5C 25°C



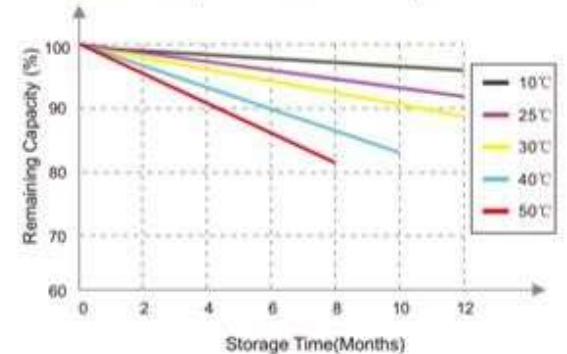
**Cycle Life Curve**

Different DOD Discharge Cycle Life Curve @1C



**Self Discharge Characteristics Curve**

Different Temperature Self Discharge Curve



# 12 VOLT / 400 AMP HOUR LIFEP04 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?
LIFEP04	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: \_\_\_\_\_