

48 VOLT / 400 AMP HOUR LIFEP04 LITHIUM BATTERY



Pictured with M8 Screw Style Terminals (Optional)



Pictured with Anderson-Style Terminals (Optional)

Cell Type	LiFePO4 (32650 cells in 16S Configuration)
Nominal Capacity	200Ah
Nominal voltage	51.2V
Charge Cut-off Voltage	58V±1.0V
Discharge Cut-off Voltage	42V±2.0V
Max Charge Current	80A
Continuous Discharge Current	100A / 120A / 150A Optional
Peak Instantaneous Discharge Current	300A (2 x Continuous)
Communication Port	RS485
SOC Display	LED Display
Battery Housing	Metal 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	580mm*365mm x 380mm 22.8 x 14.3 x 14.9" (inches)
Net Weight	Approx.: 100kg / 220lbs

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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



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Metal Case with Screw In Style



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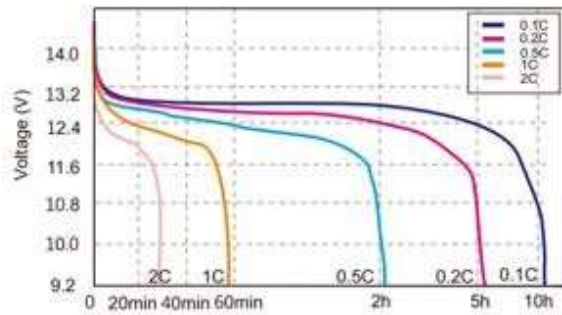


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LITHIUM BATTERY SPECIFICATIONS

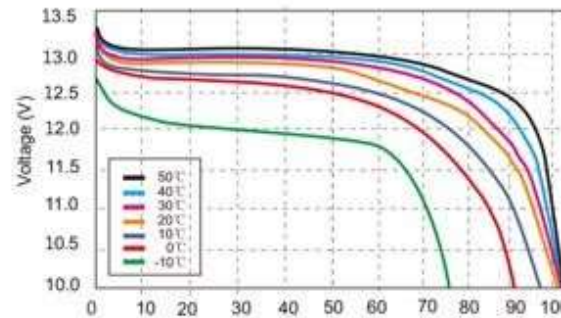
Different Rate Discharge Curve

Different Rate Discharge Curve @25°C



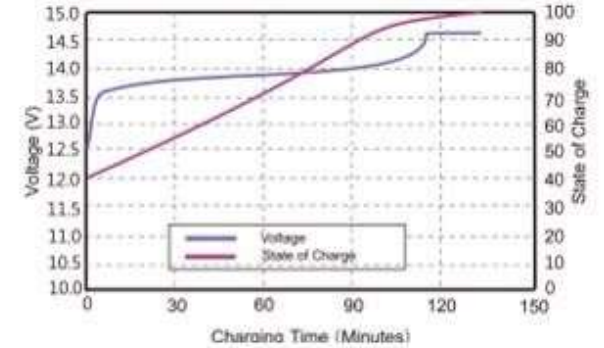
Different Temperature Discharge Curve

Different Temperature Discharge Curve @0.5C



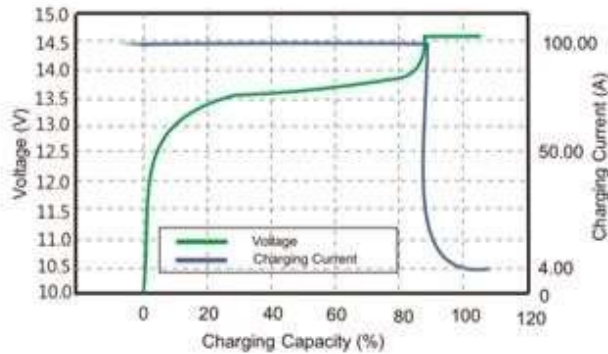
State of Charge Curve

State of Charge Curve @0.5C 25°C



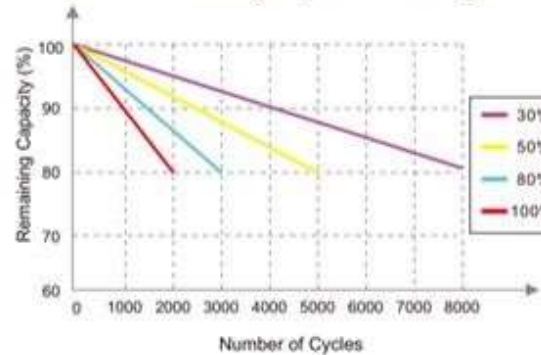
Charging Characteristics

Charging Characteristics @0.5C 25°C



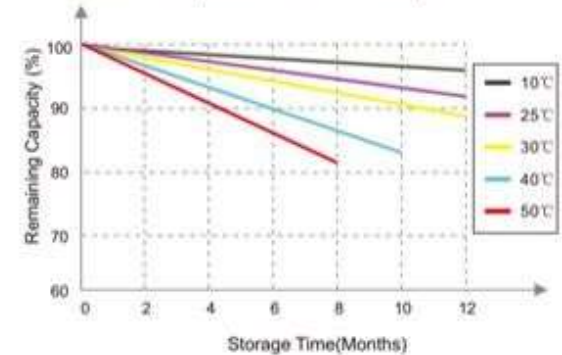
Cycle Life Curve

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?
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: _____