

LITHIUM IRON PHOSPHATE BATTERY

ELECTRICAL PERFORMANCE	
Nominal Voltage	12.8V
Nominal Capacity	206Ah
Energy	2636.8Wh
Self Discharge	<3% / Month
Cells	3.2V 206Ah Cell

CHARGE PERFORMANCE	
Recommended Charge Current	40A
Maximum Charge Current	70A
Recommended Charge Voltage	14.4V-14.6V
BMS Charge Cut-Off Voltage	<14.6V
Reconnect Voltage	>14.4V
Balancing Voltage	<14.4V
Maximum Batteries in Series	4
Maximum Batteries in parallel	10

DISCHARGE PERFORMANCE	
Maximum Continuous Discharge Current	150A
Peak Discharge Current	170A(4S)
Recommended Low Voltage Disconnect	10.4V
BMS Discharge Cut-Off Voltage	>10.4 V
Reconnect Voltage	>11.6 V
Short Circuit Protection	200 ~ 500

TEMPERATURE PERFORMANCE	
Discharge Temperature	-4 ~ 140 °F (-20 ~ 60 °C)
Charge Temperature	-4 ~ 140 °F (-20 ~ 60 °C)
Storage Temperature	-4 ~ 140 °F (-20 ~ 60 °C)
BMS High Temperature Cut-Off	149 °F (65 °C)
Reconnect Temperature	131 °F (55 °C)

COMPLIANCE	
Certifications	UL1973 for Battery UL9540A, IEC62619 for Battery Cells. MSDS for Shipping



MECHANICAL PERFORMANCE	
Dimension (L x W x H)	10.83*7.78*11.22inch
Approx. Weight	47.6 lbs
Terminal Type	M8
Terminal Torque	80 ~ 100 in-lbs (9 ~ 11 N-m)
Case Material	Black Paint Metal
Enclosure Protection	IP50

Performance may vary depending on application. All specifications are subject to change without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.