



GENERAL

Nominal Voltage	51.2V
Working Voltage	43.2V - 58.4V
Recommended Voltage	48.0V - 57.0V
Cells	16
Nominal Capacity	150Ah
Energy	7,680Wh
Self Discharge	3% Per Month
IP Rating	IP67

SAFETY

Charging Freeze Protection	Yes, Under 32°F
Pack Over-Voltage	Yes
Cell Over-Voltage	Yes
Pack Under-Voltage	Yes
Cell Under-Voltage	Yes
Cell Over-Temp	Yes
BMS Over-Temp	Yes
Short Circuit/Over Current	Yes
Certifications	UN38.3, UL1642 Cell

PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	Prismatic
Cell Configuration	1P16S
Weight	63kg(138.9lbs)
Dimension LxWxH	510x375x240 mm (20.1" x 14.8" x 9.5")
Terminal Type	M8 Female
Shell Type	Powder Coated Steel
UN Shipping Class	UN 3480, Class 9

CHARGE

Recom. Charging Current	30A
Max Charging Current	40A
BMS High Voltage Cutoff	58.4V
Charging Temp. Range	32°F to 130°F

DISCHARGE

Max Continuous Discharge	250A
Max Discharge 3 Sec	480A
Max Discharge 30 Sec	400A
BMS Voltage Cutoff	43.2V
BMS Voltage Recovery	48V
Discharge Temp Range	-4°F to 140°F

COMMUNICATION

Bluetooth	Yes
CAN	Yes

PHYSICAL PRODUCT

