



GENERAL

Nominal Voltage	51.2V
Working Voltage	43.2V - 58.4V
Recommended Voltage	48.0V - 57.0V
Cells	16
Nominal Capacity	105Ah
Energy	5,376Wh
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	50Kg(110.23 lbs)
Dimension LxWxH	445x300x240mm (17.52"x11.81"x9.45")
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 131°F

DISCHARGE

Max Continuous Discharge	150A
Max Discharge 3 Sec	480A
Max Discharge 30 Sec	315A
BMS Voltage Cutoff	43.2V
BMS Voltage Recovery	48V
Discharge Temp Range	-22°F to 140°F

COMMUNICATION

Bluetooth	Yes
CAN	Yes

PHYSICAL PRODUCT

