

GENERAL

Nominal Voltage	51.2V
Working Voltage	43.2V - 58.4V
Recommended Voltage	48.0V - 57.0V
Cells	16
Nominal Capacity	72Ah
Energy	3,686Wh
Reserve @25A	172 Minutes
Self Discharge	1% Per Month
IP Rating	IP65

CHARGING

Recom. Charging Current	<35A
Max Charging Current	72A
Bulk/Absorb Voltage	57.0V
Float Voltage	54.0V or Off
BMS High Voltage Cutoff	59.2V
Charging Temp. Range	34F to 130F

DISCHARGING

Max Continuous Discharge	150A
Max Discharge 3 Sec	500A
Max Discharge 30 Sec	300A
Recom. Voltage Cutoff	48.0V
BMS Voltage Cutoff	43.2V
BMS Voltage Recovery	46.4V
Discharge Temp Range	-10F to 140F

COMMUNICATION

Bluetooth	Yes
CAN	Yes



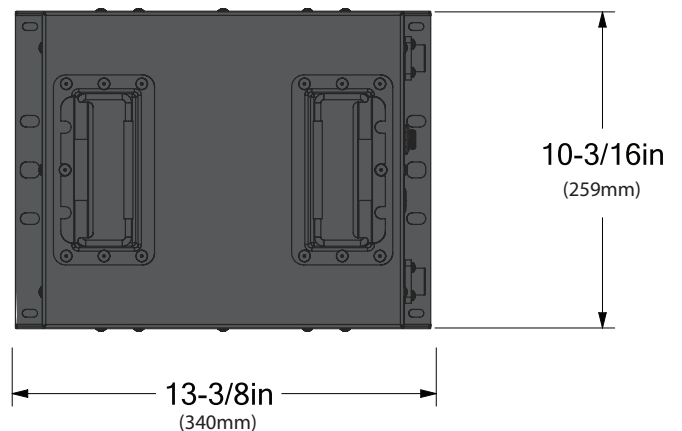
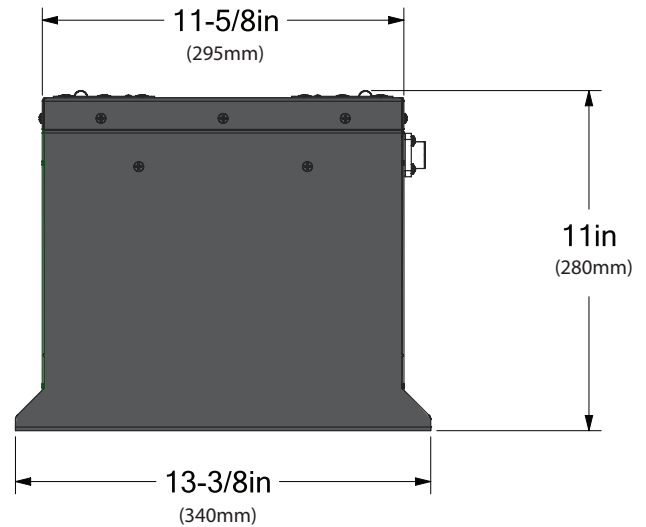
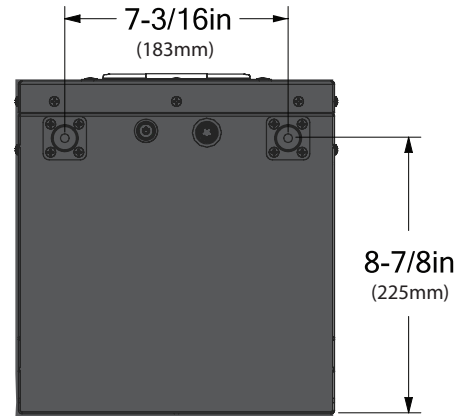
SAFETY

Charging Freeze Protection	Yes, Under 34F
Pack Over-Voltage	Yes
Cell Balancing	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
Series Connectable	No
Parallel Connectable	Yes, up to 2
Weight	70 lbs (42.6Kg)
Dimension LxWxH	13.37"X10.18"X11"
Terminal Type	M8 Female
Shell Type	Powder Coated Steel
UN Shipping Class	UN 3480

DIMENSIONS



Torque Specs

M8 Terminal Bolts
6ft/lbs (72 in/lbs)

Voltage Curve

