



GENERAL

Nominal Voltage	51.2V
Working Voltage	43.2V – 58.4V
Cells	16
Recommended SOC	80% DOD
Nominal Capacity	105Ah
Energy	5,376Wh
Reserve @25A	252 Minutes
IP Rating	IP65

SAFETY

Pack Over-Voltage	Yes
Cell Balancing	Yes
Pack Under-Voltage	Yes
Cell Over-Temp	Yes
BMS Over-Temp	Yes
Short Circuit/Over Current	Yes
Certifications	UN38.3, MSDS

CHARGING

Recom. Charging Current	25A
Max Charging Current	105A
Charging Time (25A)	Approx. 252Mins



PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	Prismatic
Cell Configuration	1P 16S
Series Connectable	No
Parallel Connectable	Yes, up to 4
Dimension L×W×H	14.1"×13.3"×10.8"
Weight Approx.	91.3lbs
Terminal Type	M8 Female
Shell Type	Metal shell, Iron plate baking varnish
UN shipping Class	UN 3480

COMMUNICATION

Bluetooth	Yes
Monitor	Yes

DISCHARGING

Max Continuous Discharge	250A
Peak Discharge	500A
Discharge Temp Range	-4°F to 131°F

