



GENERAL

Nominal Voltage	51.2V
Working Voltage	43.2V – 58.4V
Cells	16
Recommended SOC	80% DOD
Nominal Capacity	50Ah
Energy	2,560Wh
Reserve @25A	120 Minutes
IP Rating	IP67

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

CHARGING

Recom. Charging Current	8A
Max Charging Current	50A
Charging Time (8A)	Approx. 375Mins



PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	Prismatic
Cell Configuration	1P 16S
Series Connectable	No
Parallel Connectable	Yes, up to 8
Dimension L×W×H	10.4"×7.1"×11.6"
Weight	Approx. 44lbs
Terminal Type	M8 Female
Shell Type	Black plastic case

COMMUNICATION

Bluetooth	Yes
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DISCHARGING

Max Continuous Discharge	100A
Peak Discharge	150A
Discharge Temp Range	-4°F to 131°F

