

GENERAL

Nominal Voltage	12.8V
Working Voltage	10V - 14.6V
Cells	12 / 16 / 20
Nominal Capacity	18Ah / 24Ah / 30Ah
Energy	230.4Wh 307.2Wh / 384Wh
Self Discharge	3% Per Month

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	Cell: UL1642 Battery Pack: CB,CE, RoHS,UN38.3,FCC

PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	Cylinder
Cell Configuration	3P4S / 4P4S / 5P4S
Weight	1.7kg(3.7 lbs) 2.3kg(5.1 lbs) 2.9kg(6.4 lbs)
Dimension LxWxH	185x172x78mm (7.3"x6.8"x3.1")
Terminal Type	XT60
Shell Type	Plastic Casing
UN Shipping Class	UN 3480, Class 9

CHARGE

Recom. Charging Current	3A
Max Charging Current	4A
BMS High Voltage Cutoff	14.6V
Charging Temp. Range	32°F to 131°F

DISCHARGE

Max Continuous Discharge	20A
Max Discharge 3 Sec	30A(60S)
Max Discharge 30 Sec	40A(10S)
BMS Voltage Cutoff	10V
BMS Voltage Recovery	12.8V
Discharge Temp Range	-22°F to 140°F

COMMUNICATION

Bluetooth	Yes
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PHYSICAL PRODUCT

