



SKU#: 0121

Voltage: 51.2V Capacity: 105Ah Energy: 5376

51.2V
105Ah

Bluetooth



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•ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	105Ah
Bluetooth Enabled	YES
Capacity @ 20A	300 min (Approx.)
Efficiency	99%
Self Discharge	1-3% per month

•DISCHARGE SPECIFICATIONS

Max Continuous Current	200A
Peak Discharge Current	500A (5s)
Low Voltage Disconnect	40V
BMS Discharge Voltage Cut-Off	40.0V (2.5±0.05 vpc)
Reconnect Voltage	41.6V (2.8±0.1 vpc)
Short Circuit Protection	200-400ms

•CHARGE SPECIFICATIONS

Recommended Charge Current	15A - 30A
Discharge Temperature	0°C to 50°C
Temperature Protection Release	/
Charge Temperature*	/
Recommended Charge Voltage	43V - 58.3V
BMS Charge Voltage Cut-Off	58.3V (3.65±0.01vpc)
Reconnect Voltage	56V (3.5±0.01vpc)

•MECHANICAL SPECIFICATIONS

Battery Dimensions (L x W x H mm)	388x315x265mm
Battery Net Weight	46.2kgs
Package Dimensions (L x W x H mm)	478 x 385 x 361mm
Gross Weight	54.5kgs
Terminal Type	M8
Terminal Material	Brass
Case Material	Steel
Enclosure Protection	IP56
Cell Type - Chemistry	Prismatic LiFePO4

•KEY FEATURES

BMS languages - CANbus & RS485
Sleep Mode
Gauge mode: 0102
Blue Tooth available: Yes
Integrated Active Balancer: Yes

Fire Suppression Technology (FST): Yes

In the event of excessive heat or a fire near the battery, FST discharges a proprietary chemical mixture, enveloping the interior of the battery. This process eliminates oxygen within the battery case to provide a shield from external

•PRODUCT PICTURE

