



DATA SHEET



51.2V160A H

Voltage: 51.2V | Capacity: 160Ah | Energy: 8.192KWh

ELECTRICAL SPECIFICATIONS

| | |
|--------------------|----------------|
| Nominal Voltage | 51.2V |
| Nominal Capacity | 160Ah |
| Bluetooth Enabled | Yes |
| Capacity @ 20A | 480 min |
| Efficiency | 99% |
| Self Discharge | 1-3% per month |
| Cell Configuration | 1P16S |

DISCHARGE SPECIFICATIONS

| | |
|-------------------------------|-------------------------------------|
| Max Continuous Current | 250A |
| Peak Discharge Current | 520A±15.6A (30S) |
| BMS Discharge Current cut-off | 260A±7.8A (50S) 520A±15.6A (30S) |
| BMS Discharge Voltage Cut-Off | 40V |
| Recom. Low Voltage disconnect | 48V |
| Reconnect Voltage | 41.6V |
| Discharge Temperature Range | -4F < T ≤ 140F |

CHARGE SPECIFICATIONS

| | |
|----------------------------|----------------|
| Recommended Charge Current | 5-52A |
| Maximum charging Current | 105Ah |
| Input Current Cut-off | 375A(1S) |
| Recom. Charge Voltage | 40V - 58.5 V |
| Charge Temperature Range | 14F < T ≤ 131F |
| BMS Charge Voltage Cut-Off | 58.5V |
| Reconnect Voltage | <58.5V |

SAFETY SPECIFICATIONS

**ALL VISIBLE ON THE BOLT ENERGY BATTERY
BLUETOOTH APP**

| | |
|------------------------------------|---|
| Short Circuit | Yes |
| Low / High Temperature Discharging | Yes |
| Low / High Temperature Charging | Yes |
| Over-Current Discharging | Yes |
| Over-Current Charging | Yes |
| Pack Under / Over Voltage | Yes |
| Certifications | UL1642 IEC62619 (Cells) UN38.3 MSDS (Battery) |
| Shipping Classification | UN 3480 Class 9 |

MECHANICAL SPECIFICATIONS

| | |
|------------------------|-------------------------|
| Dimensions (L x W x H) | 23.98" x 11.57" x 9.09" |
| Weight | 143 lbs |
| Terminal Type | M8 |
| Terminal Material | Brass |
| Case Material | Steel |
| Enclosure Protection | IP66 |
| Cell Type - Chemistry | Prismatic LiFePO4 |

BLUETOOTH FEATURES

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|--|
| Voltage (overall and individual cell voltages) |
| Remote technical support |
| Remaining Charge/Discharge Time |
| Firmware update |
| Current Cell Temperature |
| Current Amp Draw |
| Lifetime Power Cycles |

COMMUNICATION

| | |
|---------------|--------------------|
| Bluetooth | Bluetooth receiver |
| BMS languages | CANBUS |



