

12V 130Ah Battery

GTX Series Batteries



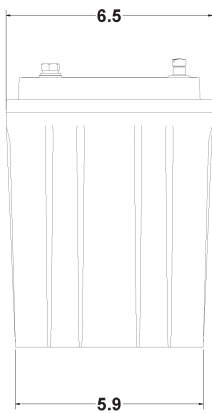
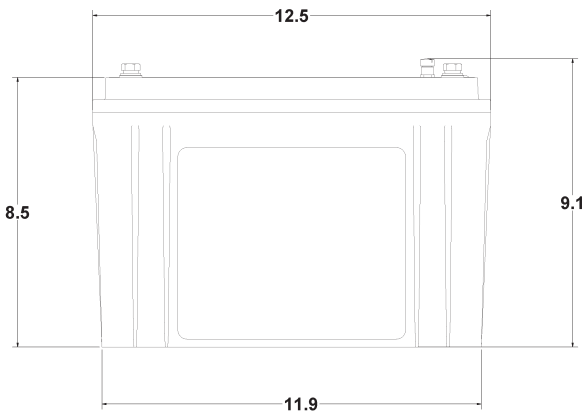
CAT # 12V130A-G31-LRBM8



Battery Details
130Ah at 12.8V
1,664 Watt-Hours

DIMENSIONS

Size (L x W x H)	12.5" x 6.5" x 8.5"	317.5mm x 165.1mm x 215.9mm
Weight	33.4lbs	15.1kg



KEY BENEFITS

- + **Internal NeverDie® Battery Management System:** Integrated Smart BMS technology continuously monitors and protects to maximize battery lifespan
- + **Cell-Level Safety:** Premium matched Lithium Iron Phosphate (LiFePO₄) Cells optimized for safety and long cycle life
- + **Bluetooth® Connectivity:** Allows real-time monitoring, diagnostics, and updates via the Lithionics Bluetooth® App

Reliable Power, Unmatched Versatility
Our batteries feature easy expandability for extended run times and deliver dependable performance, even in extreme temperatures.

SPECIFICATIONS

NOMINAL VOLTAGE AND CAPACITY

12.8V 130Ah 1,664Wh

SHIPPING

UN3480, Class 9

MECHANICAL

Mounting Orientation Upright position only (red lid up)

Ingress Protection IP66

STORAGE

Refer to the Lithionics® Website for the Storage Procedure, Maintenance required for extended storage

ELECTRICAL

Internal Resistance <5mΩ

Coulombic Efficiency 99%

Self-Discharge Rate (per month) <3%

Cell Type LiFePO₄ Prismatic Cells

Power Connection Copper Terminals, Nickel Plate, M8-1.25 Female Threads

Series Connection Not Supported

CHARGE

Charge Voltage 14.4V ±0.2V

Operating Charge Temperature 32°F (0°C) to 140°F (60°C)

Recommended Charge Current <50A

Float Voltage 13.6V ±0.2V

Max Charge Current² <100A

DISCHARGE

Operating Voltage Range 10.8V to 14.4V ±0.2V

Operating Temperature Range -4°F (-20°C) to 140°F (60°C)

Recommended Discharge Current <50A

Max Discharge Current^{1 2} <100A

Pulse Current (1 second) <1,000A

Low Voltage Cut-Off 10.8V ±0.2V

Reserve Voltage Cut-Off 12V ±0.2V

1. Inverter compatibility: up to 3,000W. For inverters exceeding 3,000W, consider an external Battery Management System (BMS) for higher performance.
2. Maximum charging and discharging rates dependent upon the ambient temperature and usage.

Powering Innovation.

Discover the right lithium replacement system for you. Reach out to Lithionics' expert support team to find your perfect power solution.

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