

12V 130Ah Battery

GTX Series Batteries



CAT # 12V130A-G31-LRBM8



Battery Details

130Ah at 12.8V
1,664 Watt-Hours

KEY BENEFITS

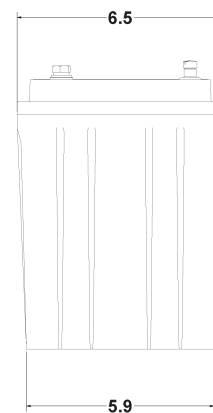
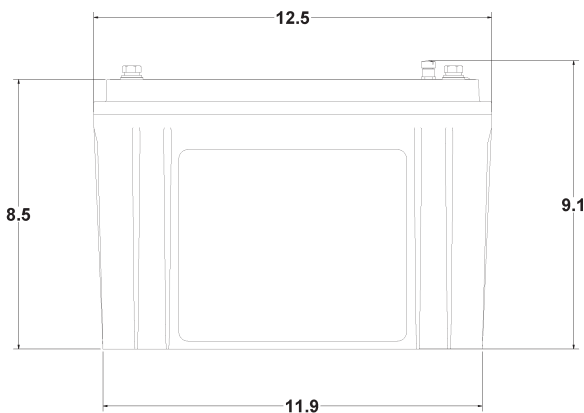
- + **Internal NeverDie® Battery Management System:** Integrated Smart BMS technology continuously monitors and protects to maximize battery lifespan
- + **Cell-Level Safety:** Premium matched Lithium Iron Phosphate (LiFePO4) Cells optimized for safety and long cycle life
- + **Bluetooth® Connectivity:** 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.

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



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	<5mff
Coulombic Efficiency	99%
Self-Discharge Rate (per month)	<3%
Cell Type	LiFePO ₄ Prismatic Cells
Power Connection	Copper Terminals, Nickel Plate, M8-1.25 Female Threads
Series Connection	Not Supported
CHARGE	
Charge Voltage	14.4V 30.2V
Operating Charge Temperature	32°F (0°C) to 140°F (60°C)
Recommended Charge Current	<50A
Float Voltage	13.6V 30.2V
Max Charge Current	<100A
DISCHARGE	
Operating Voltage Range	10.8V to 14.4V 30.2V
Operating Temperature Range	-4°F (-20°C) to 140°F (60°C)
Recommended Discharge Current	<50A
Max Discharge Current	<100A
Pulse Current (1 second)	<1,000A
Low Voltage Cut-Off	10.8V 30.2V
Reserve Voltage Cut-Off	12V 30.2V

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.

DS-001