

# 12V 130Ah BATTERY

## GTX SERIES

CAT # 12V130A-G31-LRBM8



### Battery Details

130Ah at 12.8V

1,664 Watt-Hours

### Key Benefits

- ✓ Safe, Non-Toxic Lithium Iron Phosphate Cells
- ✓ NeverDie® Battery Management System Maximizes Lifespan
- ✓ Bluetooth® connectivity allows real-time monitoring & diagnostics

### Reliable Power, Unmatched Versatility

Our battery features easy expandability for extended run times and delivers dependable performance, even in extreme temperatures.

## DIMENSIONS

### Size (L x W x H):

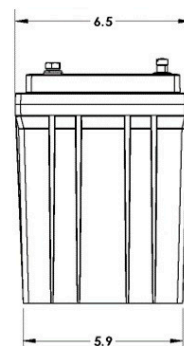
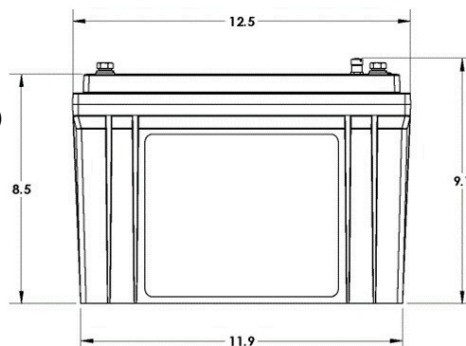
12.5" x 6.5" x 8.5"

(317.5mm x 165.1mm x 215.9mm)

### Weight:

33.4lbs

(15.1 kg)



# SPECIFICATIONS

## NOMINAL VOLTAGE AND CAPACITY

12.8V 130Ah 1,664Wh

## SHIPPING

UN3480, Class 9

## CHARGE

**Charge Voltage:** 14.4V  $\pm 0.2V$

**Operating Temperature Range:**

32°F (0°C) to 140°F (60°C)

**Recommended Charge Current:** <50A

**Float Voltage:** 13.6V  $\pm 0.2V$

**Max Charge Current:** <100A

## DISCHARGE

**Operating Voltage Range:** 10.8V to 14.4V  $\pm 0.2V$

**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  $\pm 0.2V$

**Reserve Voltage Cut-Off:** 12V  $\pm 0.2V$

\*Maximum charging and discharging rates dependent upon the ambient temperature and duty cycle

## ELECTRICAL

**Internal Resistance:** <5m $\Omega$

**Coulombic Efficiency:** 99%

**Self-Discharge Rate (per month):** <3%

**Cell Type:** LiFePO<sub>4</sub> Prismatic Cells

**Power Connection:** Copper Terminals, Nickel Plated, M8-1.25 Female Threads

**Series Connection:** Not Supported

## 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

**Application Note: Use only with a 1,000W inverter or less. We recommend for applications requiring more than 1,000W to use our CS200 series batteries or an external Battery Management System (BMS).**

DS-001

### Powering Innovation.

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