

# 12V 310Ah BATTERY GTX SERIES

CAT # GTX12V310A-E1508-CS200



## Battery Details

310Ah at 12.8V  
3,968 Watt-Hours

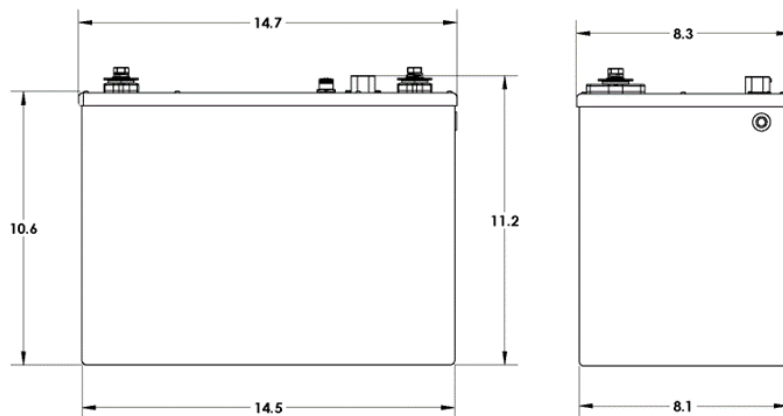


UL 1973 Certified for  
Motive Applications

## DIMENSIONS

**Size (L x W x H):** 14.7"  
x 8.3" x 10.6"  
(373.4 x 210.8 x 269.2)

**Weight:**  
63lbs  
(28.6kg)



## Key Benefits

- ✓ Safe, Non-Toxic Lithium Iron Phosphate Cells
- ✓ NeverDie® Battery Management System Maximizes Lifespan
- ✓ Fire and Crush Tested Aluminum Alloy Enclosure meeting UL 1973 Certification

## Reliable Power, Unmatched Versatility

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

# SPECIFICATIONS

## VOLTAGE AND CAPACITY

12.8V 310Ah 3,968Wh

## SHIPPING

UN3480, Class 9

## CERTIFICATIONS

UN38.3, UL1973 (battery assembly), UL 1642, UL1973 (cells)

## INTERNAL HEATER

35W Power Rating  
Thermostat Activation and Deactivation (Internal): 37°F (3°C) On, >41°F (5°C) Off

## STORAGE

Refer to the Lithionics® Website for the Storage Procedure

## ELECTRICAL

<3mΩ Resistance  
99% Coulombic Efficiency  
<3% Self-Discharge Rate (per month)  
Prismatic, LiFePO<sub>4</sub> Cells  
Power Connection: Copper Terminals, Nickel Plated, M8-1.25 Female Threads

## DISCHARGE

10.8V to 14.4V ±0.2V  
-22°F (-30°C) to 140°F (60°C)  
<150A Recommended Discharge Current  
<230A Discharge Current  
<1,200A Pulse Current (1 second)  
10.8V ±0.2V Cut-Off Voltage

\*Charging and discharging rates vary with temperature and usage

\*UL1973 testing: Maximum charge and discharge currents were tested at 25°C/77°F

## MECHANICAL

Mounting Orientation: Upright position only (black lid up)  
0.09" Aluminum 5052 Enclosure  
Iridite Chromate Conversion Coating + Powdercoat Paint  
Enclosure Corrosion Protection  
Ingress Protection: IP66

## CHARGE

14.4V ±0.2V  
-4°F (-20°C) to 140°F (60°C)  
<150A Recommended Charge Current  
13.6V Float Voltage  
<200A ±0.2V Charge Current

DS-002

### Powering Innovation.

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