

# 12V 320Ah BATTERY GTX SERIES

CAT # GTX12V320A-E2107-CS200



## Battery Details

320Ah at 12.8V  
4,032 Watt-Hours



UL 1973 Certified for  
Motive Applications

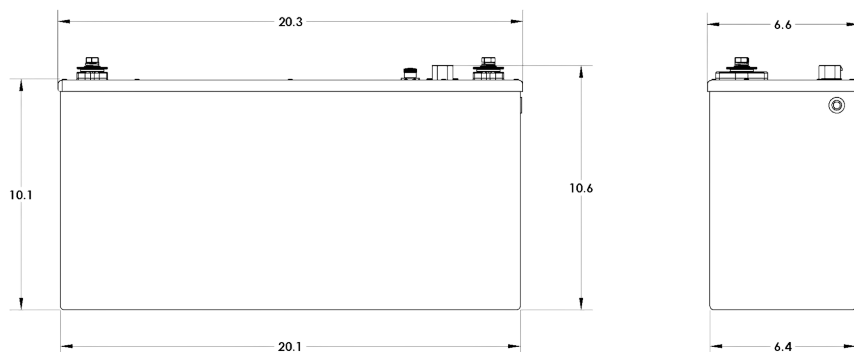
## DIMENSIONS

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

20.3" x 6.6" x 10.1"  
(515.6 x 167.6 x 255.5)

### Weight:

68lbs  
(30.8kg)



## 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 320Ah 4,096Wh

## 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)  
<157.5A Recommended Discharge Current.  
<250A 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)  
<157.5A Recommended Charge Current.  
13.6V ±0.2V Float Voltage  
<250A Charge Current

DS-003

### Powering Innovation.

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