

# 24V 315Ah BATTERY MODULE

## GTX SERIES

CAT # GTX24V315A-F24



### Battery Details

315Ah at 25.6V  
8,064 Watt-Hours



UL 1973 Certified for  
Motive Applications

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

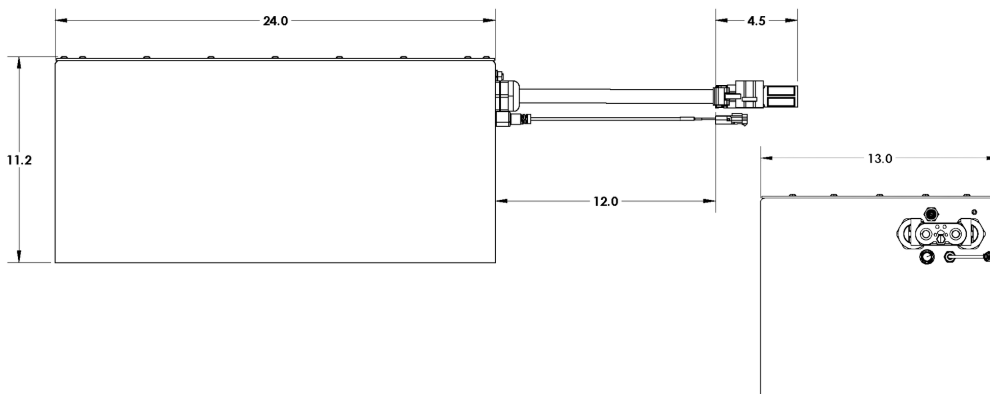
## DIMENSIONS

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

24.0" x 13.0" x 11.2"  
(609.6 x 330.2 x 281.9)

### Weight:

144lbs  
(65.3kg)



# SPECIFICATIONS

## VOLTAGE AND CAPACITY

25.6V 315Ah 8,064Wh

## SHIPPING

UN3480, Class 9

## CERTIFICATIONS

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

## 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: Anderson A320 Female

## DISCHARGE

23.2V to 28.8V ±0.4V  
-22 to 140°F (-30 to 60°C)  
<160A Recommended Discharge Current  
<400A Discharge Current  
<3,000A Pulse Current (1 second)  
23.2V ±0.4V 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)  
Aluminum 5052.090" Enclosure  
Military Grade Corrosion Protection Enclosure  
Ingress Protection: IP66

## CHARGE

28.8V ±0.4V  
32°F to 140°F (0 to 60°C)  
-4°F (-20°C) with Heater Power Connected  
<157.5A Recommended Charge Current  
27.7V ±0.4V Float Voltage  
<300A Charge Current

**APPLICATION NOTE: EXTERNAL BMS REQUIRED. BMS SOLD SEPARATELY.**

### Powering Innovation.

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

## BMS Advanced Features

- External Battery Management System (BMS) for enhanced safety and monitoring
- Bluetooth connectivity for real-time diagnostics
- State-of-Charge (SoC) monitoring to prevent unexpected shutdowns
- High current capability up to 400A for versatile applications
- Remote monitoring app (Google Play and Apple App Store)



**CAT # NDV9**