

# 12V 205Ah Battery

## GTO Series



CAT # GTO12V205A-E1908-CS200



### 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 (LiFePO<sub>4</sub>) 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

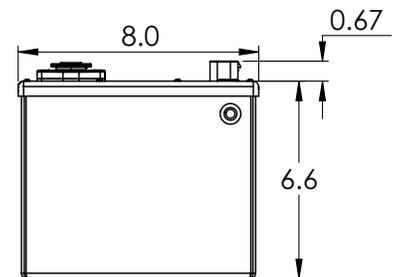
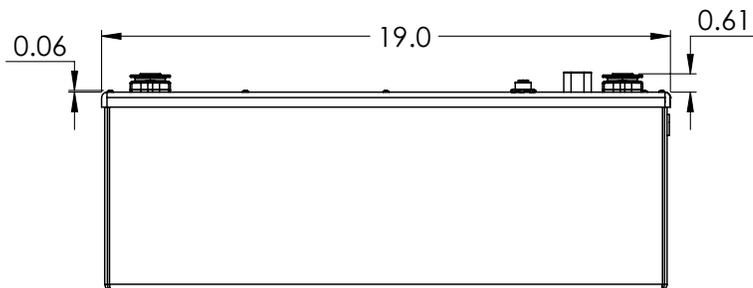
Our batteries feature easy expandability for extended run times and deliver dependable performance, even in extreme temperatures.

### Battery Details

205Ah at 12.8V  
2,624 Watt-Hours

### DIMENSIONS

Size (L x W x H)	19.0" x 8.0" x 6.6"	482.6mm x 203.7mm x 167.6mm
Weight	48.0lbs	21.8kg



## SPECIFICATIONS

### NOMINAL VOLTAGE AND CAPACITY

12.8V 205Ah 2,624Wh

### SHIPPING

UN3480, Class 9

### CERTIFICATIONS

UNDOT UN38.3  
UL UL1642, UL1973 (cells)

### INTERNAL HEATER

Power Rating 35W  
Thermostat On/Off (Internal) <37°F (3°C) On, >41°F (5°C) Off

### MECHANICAL

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

### STORAGE

Refer to the Lithionics® Website for the [Storage Procedure](#)

### ELECTRICAL

Internal Resistance <4mΩ  
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

### CHARGE

Charge Voltage 14.4V ±0.2V  
Operating Temperature Range 32°F (0°C) to 140°F (60°C) (Ambient -4°F (-20°C) with Heater Power)  
Recommended Charge Current <150A  
Float Voltage 13.6V ±0.2V  
Max Charge Current <200A

### DISCHARGE

Operating Voltage Range 10.8V to 14.4V ±0.2V  
Operating Temperature Range -4°F (-20°C) to 140°F (60°C)  
Recommended Discharge Current <150A  
Max Discharge Current<sup>1</sup> <204A  
Pulse Current (1 second) <1,200A  
Low Cut-Off Voltage 10.8V ±0.2V  
Reserve Voltage Cut-Off 12V ±0.2V

1. Inverter compatibility: up to 2,000W. For inverters exceeding 2,000W, consider the GTX12V310 battery (#GTX12V310A-E1508-CS200), GTX12V320 battery (#GTX12V320A-E2107-CS200), GTX12V630 battery (#GTX12V630A-E2112-CS200), or an external Battery Management System (BMS) for optimal performance.

### Powering Innovation.

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

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