24V 200Ah FLATPACK BATTERY MODULE
GTO SERIES

CAT # GTO24V200A-E1914

Key Benefits

✅ **Safe, Non-Toxic Lithium Iron Phosphate Cells**

✅ **NeverDie® Battery Management System Maximizes Lifespan**

✅ **Fire and Crush Tested Aluminum Alloy Enclosure**

Reliable Power, Unmatched Versatility

Our battery system features easy expandability for extended run times and delivers dependable performance, even in extreme temperatures.
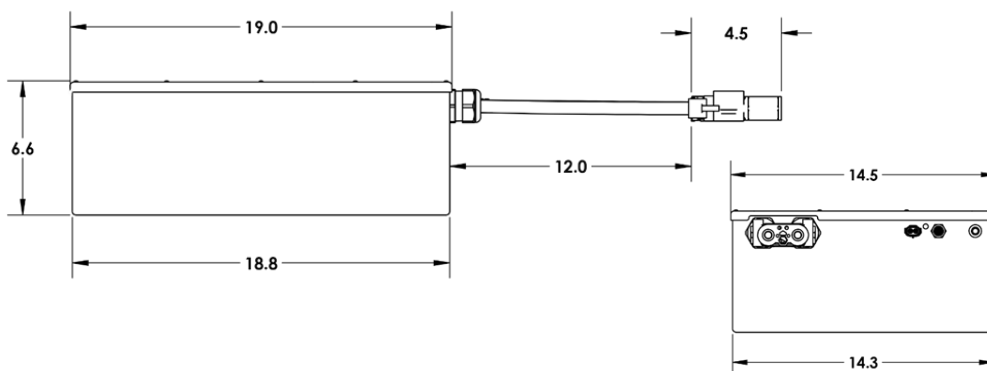
Battery Details
200Ah at 25.6V
5,120 Watt-Hours

DIMENSIONS

Size (L x W x H):
19.0″ x 14.5″ x 6.6″
(482.6 x 368.3 x 167.6)

Weight:
94lbs
(42.6kg)

19.0
4.5
6.6
12.0
18.8
14.5
14.3

lithionics®

SPECIFICATIONS

VOLTAGE AND CAPACITY

25.6V 200Ah 5,120Wh

SHIPPING

UN3480, Class 9

CERTIFICATIONS

UN38.3, UL 1642

INTERNAL HEATER

70W Power Rating
12V Nominal Input Voltage
5.8A Input Current
Thermostat Activation and
Deactivation (Internal) <43°F
(6°C) On, >48°F (9°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, $LiFePO_4$ Cells
Power Connection: Anderson
A320 Female

DISCHARGE

23.2-28.8V ±0.4V
-22 to 140°F (-30 to 60°C)
<100A Recommended
Discharge Current
<200A Discharge Current
<3,000A Pulse Current (1
second)
23.2V ±0.4V Cut-Off Voltage

*Charging and discharging
rates vary with temperature
and usage.

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
<100A Recommended Charge
Current
27.2V ±0.4V Float Voltage
<200A Charge Current

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

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

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