

LITHIONICS BATTERY®

LITHIUM-ION IRON PHOSPHATE BATTERY SYSTEMS



PART NUMBER:
51-160 – Ion Gage

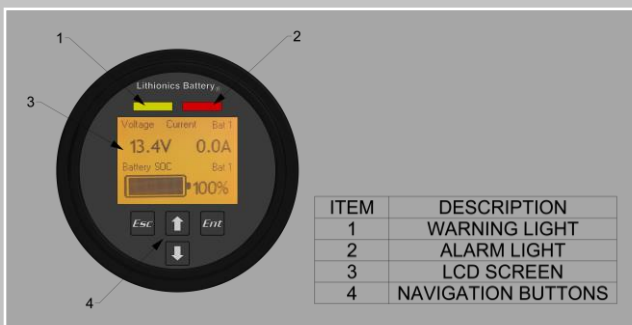
EXTERNAL
ACCESSORIES



The Advanced and Compact 200 Series BMS supports an optional SoC (state-of-charge) gauge, designed to display battery capacity as well as other valuable parameters. Battery state-of-charge is calculated by an internal, high sensitivity hall-effect sensor. SoC data can be observed on the LCD display which can show 2 data fields independently.

The meter will be most accurate if the battery is fully charged on a regular (weekly) basis. Partial charging and/or cycling may cause the SoC meter reading to drift over time and become less accurate.

The SoC display is not waterproof and is designed to be installed in an area that does not receive direct sunlight, moisture, or debris.



| ITEM | DESCRIPTION |
|------|--------------------|
| 1 | WARNING LIGHT |
| 2 | ALARM LIGHT |
| 3 | LCD SCREEN |
| 4 | NAVIGATION BUTTONS |

FEATURE HIGHLIGHTS

| Feature | Display | Description |
|----------------------------------|-----------|---|
| Graphical Fuel Guage | E ■■■■■ F | Digital Empty-to-Full Representation of Battery State-of-Charge |
| State-of-Charge Percentage | 95% BAT | Percentage Available Until Reserve Cutoff is Reached |
| Amperage | 117.4A | Net Current Draw in Amps. + Sign Indicates Charging Current |
| Wattage | 1550W | Net Current Draw in Watts. + Sign Indicates Charging Current |
| Voltage | 13.2V | Battery Voltage Reading |
| Temperature | 82F t1 | Temperature Data from Battery Module Sensors |
| Amp Hour Capacity | 342Ah | Remaining Amp Hour Capacity |
| Watt Hour Capacity | 4514Wh | Remaining Watt Hour Capacity |
| Remaining Time | D 2.9h | Remaining Time at Current Load Until Battery is Depleted (D) or Charged (C) in Days (d) or Hours (h) |
| Status Code (State-of-Health) | R000000 | Current System Status or Fault Code |
| Amp Hour Meter (State-of-Health) | T0001234 | Total Number of Amp Hours Used from Battery since Manufactured (used to assist in tracking remaining battery life.) |

| Part Number | Description |
|-------------|---|
| 75-521-288 | Universal Harness, 24ft Length, For External BMS Version 8 or Legacy GTX12V315A-E2107-CS200 Models |
| 75-523-288 | Dual M12 Harness, 24ft Length, For GTX GTX12V320A-E2107-CS200-UL or GTX12V315A-E2107-CS200 (M12) Models |

NOTE: CONTACT LITHIONICS BATTERY® FOR A USER INSTALLATION GUIDE & STORAGE PROCEDURES. FOLLOW THE GUIDE TO ENSURE FITNESS OF USE & WARRANTY.

DIMENSIONS

