

IonGauge Display

External Accessories

CAT # 51-160



- 1 - Warning Light
- 2 - Alarm Light
- 3 - LCD Screen
- 4 - Navigation Buttons

Key Benefits

- ✓ **Real-Time Battery Insights:** The display shows multiple lines of battery system information at a glance.

Easy Monitoring, Instant Insights

The IonGauge display is an LCD display designed to provide real-time visibility into key battery information, including State-of-Charge (SoC), voltage, current, system status code, and other system parameters. The IonGauge reports accurate SoC readings from the BMS and supports dual data fields for monitoring multiple BMS banks.

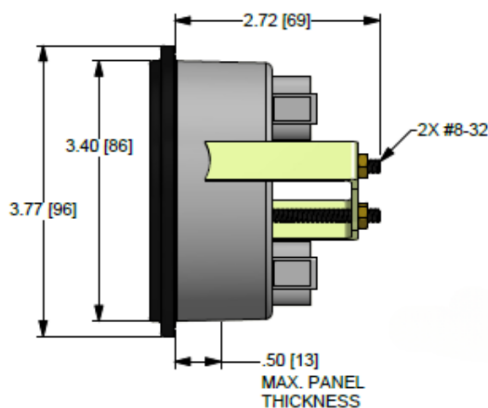
DIMENSIONS

Size (L x W):

3.77" x 2.72"
(95.8mm x 69.1mm)

Weight:

0.6lbs
(0.27kg)



SPECIFICATIONS

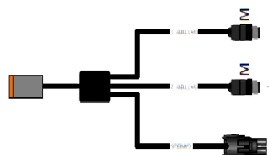
Feature	Display	Description
Graphical Fuel Gauge	E ■■■■■■ F	Digital Empty-to-Full Representation of Battery State-of-Charge
State-of-Charge Percentage	95% BAT	Percentage Available Until Reserve Cutoff is Reached
Amperage	117.4A	Net Current Draw in Amps. + Sign Indicates Charging Current
Wattage	1550W	Net Current Draw in Watts. + Sign Indicates Charging Current
Voltage	13.2V	Battery Voltage Reading
Temperature	82°F	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 in Days (d) or Hours (h)
Status Code	R000000	Current System Status or Fault Code
Amp Hour Meter	T0001234	Total Number of Amp Hours Used from Battery since Manufactured (used to assist in tracking remaining battery life)

ORDERING GUIDE

VERSION 9 & CS200 BATTERIES

Kit P#: 51-163

IonGauge Display (P# 51-160) Dual
M12 Harness (P# 75-523-288)



VERSION 8 BATTERIES

Kit P#: 51-161

IonGauge Display (P# 51-160)
24ft Harness (P# 75-521-288)



APPLICATION NOTE:

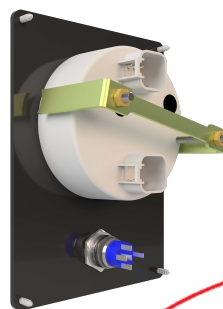
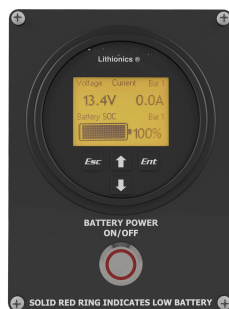
The SOC display is not waterproof and is designed to be installed in an area that does not receive direct sunlight, moisture, or debris. The IonGauge uses a 12 to 24 volt DC input range. For higher voltages, contact Lithionics for suggested DC to DC converters.

DS-040

VERSION 9 BATTERIES PANEL KIT

Kit P#: 51-172

IonGauge Display (P# 51-160)
Ampseal (P# 75-H3-FBR2)
Remote Power Switch (P# 75-236B-6)
Panel (P# 83-314)
Dual M12 Harness (P#75-523-288)



Powering Innovation.

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