PART NUMBER:
51-155 – Round SoC Display

**EXTERNAL
ACCESSORIES**

The Advanced 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 a coulomb counter based on an internal, high sensitivity hall-effect sensor in the Advanced Series BMS. SoC data can be observed on the LCD display which can show 2 data fields independently. Pressing the left button scrolls through the available data fields on the upper line, while pressing the right button scrolls through the available data points on the lower line.
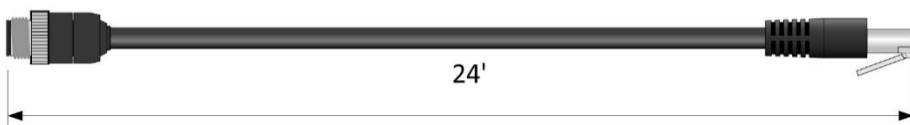
The SoC gauge data will only be correct if the configuration parameters are set correctly which are pre-set initially by Lithionics Battery® but are user adjustable with supporting hardware. The meter will be most accurate if the battery is fully charged on a regular (weekly) basis. Partial charging 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.

Button for top line   Button for bottom line

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.)

Includes 24' M12 A-Code 8-pin Male to RJ45 Cable to BMS

24'

DIMENSIONS

2.25 X 2.25 X 2.20
Measured in inches

Ø 2.225

.42

1.54

.66

#8-32 x.66" Bolts

Ø 2.012

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