

Features

- Mainly used to track Li-ion battery state of charge
- Operating voltage in a wide range of 10VDC~70VDC
- The safe design with the internal DC-DC converter isolating the power circuit from pack voltage sensing circuit
- Battery pack voltage range is 0-500VDC and this range is divided into 4 selection ranges and the selection is made by jumpers on the board. 4 selection ranges are 60VDC, 180VDC, 360VDC, 500VDC. The desired range should be informed to factory when ordering



Specifications

Model No.	L B M - 0 1
Operating Voltage	10V ~ 35V, rated at 24VDC or 20V ~ 70V, rated at 48VDC
Battery Pack Voltage	0~500VDC / 4 selection ranges
Battery Pack Current	10AH to 2000AH
BTS Input Terminal (BTS+V, BTS-VO, BTS-V)	Battery Temperature Sensor wires should be connected to the terminals for the voltage and current compensation
Current Sensor Input Terminal (Shunt_Batt, Shunt_Load)	Current sensor with shunt of 500A/50mV at max. range of ± 500 Amp
Voltage Output Terminal (12V, GND)	Voltage source to send signals from the relay output contact Max.12V/100A
Relay Output Contact (L. FUEL MC/MA) (F. FULL MC/MA)	Binary output for Low Fuel and Full Fuel conditions Max. current: 1A Max. voltage: 125VAC, 60VDC
Gauge Output Contact (GAUGE+, GAUGE-)	PWM output for mechanical fuel gauge 50mA max current and 70V max voltage
LCD Display	2 lines LCD display shows any combination of 2 data points. Available data points are: Voltage, Amperage, AmpHours, SOC, Fuel Gauge, Temperature, Wattage, WattHours.
Dimension (H x W x D) mm	100 x 155 x 55
Weight (Kgs)	0.31