

Lithium-Ion Battery 39611 Smart Series



Features

- SVCharge™ Smart Battery Management System
- Completely decoupled BMS during flight
- Digital Interface
- RS-422/485 Standard Communication or Optional MIL-STD-1553B, Ethernet, CAN
- Bus provides voltage, current, and temperature data
- Digital and analog cell Health and Status (H&S) data
- D38999 Connectors
- Rugged Aluminum Housing
- Cells Screened and Batteries Tested per RCC 319-14 for FTS missions

Applications

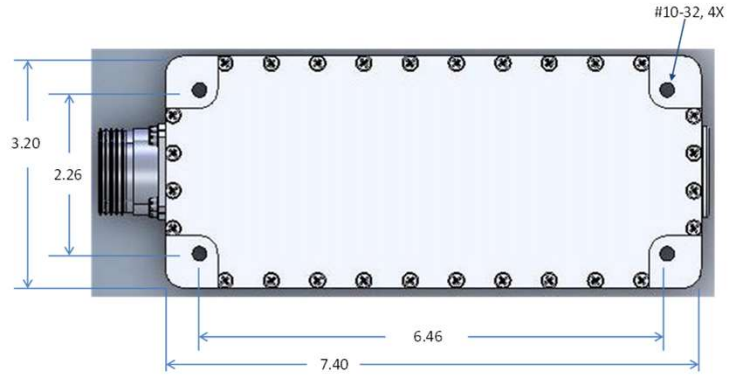
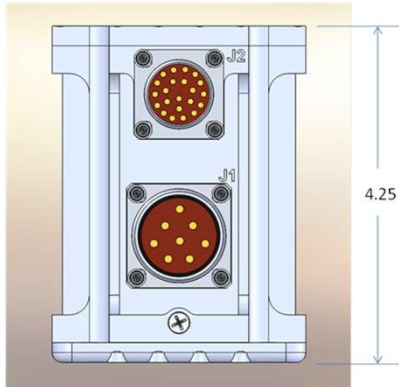
- Missiles
- Launch Vehicles
- Aircraft / UAV
- Hypersonic Vehicles

Package Size

4.25" H x 3.2" W x 7.4" L

Weight

3.7 lbs.



Specifications	
Capacity	2.5 Ah nom. (2.0 Ah min., 3.0 Ah max.)
Voltage	28.8 V Nominal (33.6 V to 20.0 V)
Energy	72 Wh nom.
Charge Current	1.5 A, C/2 standard (4 A max.)
Charge Temperature	0°C to +50°C
Discharge Current	5 A Continuous
Discharge Temperature	-20°C to +60°C
Mounting	6.46" x 2.26" - #10, 4 Places
Heater	-1 Configuration available for operation < -20°C
Charger/Analyzer 501281	Provides Programmable Protection and Monitoring Cell Balancing during Charging Discharges Battery and Measures Capacity Max/min cell voltage, current, temperature Standardized data interface provides instant health status and real time telemetry

