



Lithium-Ion FTS Battery

39611 Smart Series

Space Vector fabricates a variety of rugged Li-Ion battery packs suitable for launch vehicles, missiles, spacecraft, UAVs and other applications encountering severe environmental conditions. The 39611 smart series of batteries are used in range approved Flight Termination Systems (FTS) and applications that require high current discharge capability.

Features

- SVCharge™ Smart Battery Management System (BMS)
 - Completely decoupled 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

Specifications

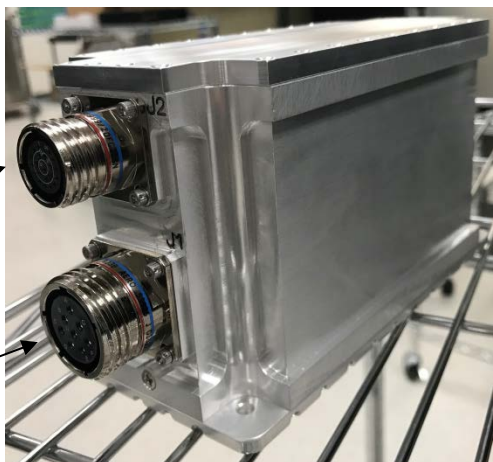
Weight:	3.75 lbs
Dimensions:	4.25" H x 3.2" W x 7.4" L
Capacity:	2.5 Ah nom. (2.0 Ah min., 3.0 Ah max.)
Voltage:	28.8 V Nominal (33.6 V to 20.0 V)
Charge Current:	1.5 A, C/2 standard (4 A max.)
Discharge Current:	5 A Continuous
Discharge Temp.:	-20°C to +60°C
Tested	

Configurations

- Basic
- 1 Heaters for < -20°C op
- 2 3.0 Ah nom.

Serial Comm J2
D38999/20FC35SN

Power J1
D38999/20FE8SN



*Batteries and Cells tested
to RCC 319-14*

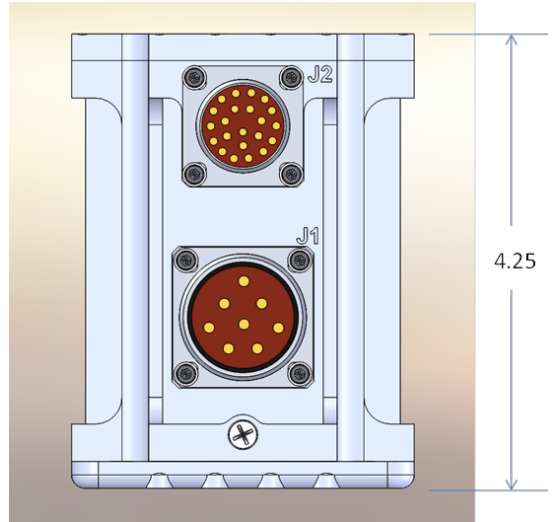
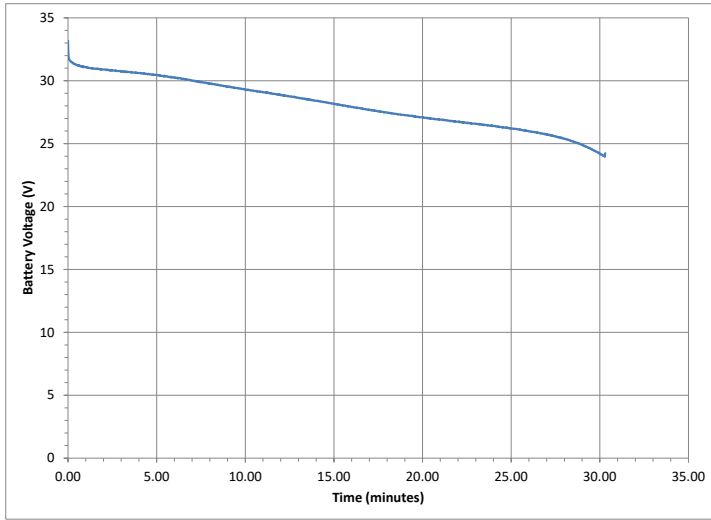
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Batteries Compatible with Charger/Analyzer 500611

- Controls up to 5 batteries simultaneously
- Charge and Discharge prior to Flight
- RCC 319 and AFSCM 91-710 compliant



5A 2C Discharge



Mounting
6.46" x 2.26"
#10, 4 Places

