

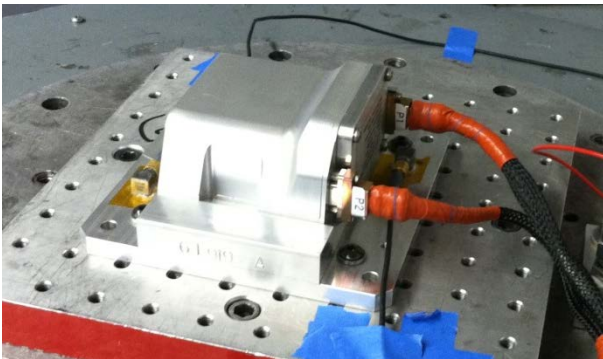


Li-Ion FTS Battery P/N 39401

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 39401 series batteries are used in range approved Flight Termination Systems (FTS) and applications that require high current discharge capability.

Features

- Compact and Lightweight
- Digital Interface
 - RS-422 Standard Communication or Optional MIL-STD-1553B, Ethernet, CAN Bus
 - Digital and analog cell Health and Status (H&S) data
- Micro-D Connectors
- Rugged Aluminum Housing
- 23.5 W Cell Heater for low temp. operation $< -20^{\circ}\text{C}$
- Cells Screened and Batteries Tested per RCC 319-14



Battery Designed to Operate in High Dynamic Environments



Small Form Factor

Specifications

Weight:	1.6 lbs
Dimensions:	3.5" H x 4.1" W x 2.0" D
Capacity:	2.0 Ah nom. (1.5 Ah min., 2.5 Ah max.) 2.5 Ah version available (2.0-3.0 Ah)
Voltage:	28.8 V Nominal (33.6 V to 20.0 V)
Charge Current:	1.25 A, C/2 standard (4 A max.)
Discharge Current:	20 A Continuous (100 A Pulse)
Operating Temp.:	-20°C to $+70^{\circ}\text{C}$ (-43°C with heaters)
Tested	

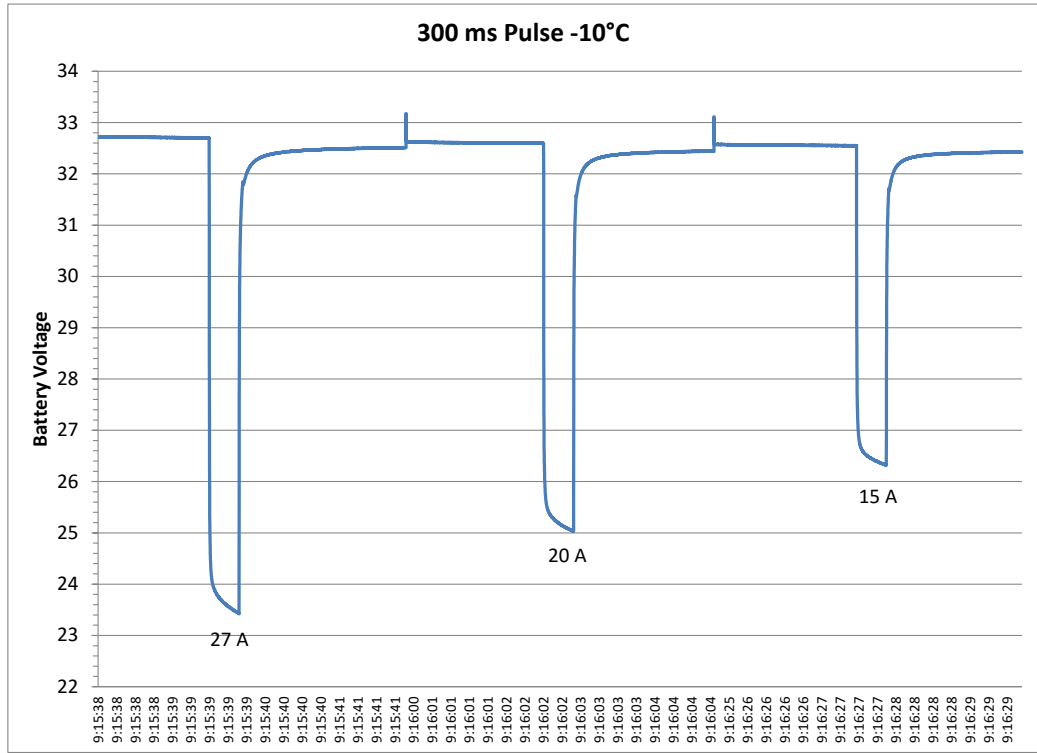


Batteries and Cells tested to RCC 319-14 with Charger/Analyzer 500451



Li-Ion FTS Battery Performance

Battery Pulse Characteristics At Low Temperature



- Configurations**
 39401-Bsc Curved Back
 39401-1 Flat Back
 39401-3 3 Ah Cells

Mounting
 3.65" x 1.75"
 #10-32, 4 Places
 Flat Back Version 39401-1

