

# Lithium-Ion FTS Battery 39401



Charger/Analyzer 501061

## Features

- Compact and Lightweight
- Curved back for skin mounted applications
- Digital Interface
- RS-422 Standard Communication
- Digital and Analog Cell Health & Status (H&S) Data
- Cells Screened and Batteries Tested per RCC 319 For FTS Applications
- Micro-D Connectors
- 23.5 W Cell Heater for Low Temp. (<-20°C) Operation
- Qualified & Flight Proven

## Applications

- Missiles
- Launch Vehicles
- Aircraft / UAV

## Package Size

3.56" L x 4.05" W x 1.98" H

## Weight

- 1.5 lbs.

Specifications	
Capacity	3.0 Ah nom. (2.0 Ah min. to 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.)
Charge Temperature	0°C to 50°C
Discharge Current	5 Amps Continuous 10+ Amps Pulse
Discharge Temperature	-20°C to +60°C
Tested Temperature	-43°C with heaters to +71°C
Mounting	Curved, 4X 10-32 fasteners (Through Holes)
Heater	25.3 W for low temperature operation < -20°C (externally controlled)
Connector Interface	Dual 15 pin MDM Micro-D
<b>Charger/Analyzer 501061</b>	Provides Programmable Protection and Monitoring Cell Balancing during Charging Discharges Battery and Measures Capacity Battery Cycle History Number of charge cycles, max/min cell voltage, current, temperature, and more Standardized data interface provides instant health status and real time telemetry