

Lithium-Ion FTS & TM Battery 39401-1



Charger/Analyzer 501061

Features

- Compact and Lightweight
- Digital Interface
- RS-422 Standard Communication
- Digital and Analog Cell Health & Status (H&S) Data
- RCC 319 Certified For FTS Applications
- Micro-D Connectors
- 23.5 W Cell Heater for Low Temp. (<-20°C) Operation
- Qualified & Flight Proven
- UN 38.3 Tested
- NAVSEA S9310 Tested

Applications

- Missiles
- Launch Vehicles
- Aircraft / UAV

Package Size

3.56" L x 4.13" W x 1.98" H

Weight

1.6 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	4X #10 fasteners (Through Hole Mount)
Heater	25.3 W for low temperature operation < -20°C (externally controlled)
Connector Interface	Dual 15 pin MDM Micro-D
Charger/Analyzer 501061	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