

Lithium-Ion Battery 39501 Series



Charger/Analyzer 501061

Features

- Compact and Lightweight
- Digital Interface
- RS-422 Standard Communication
- Digital and Analog Cell Health & Status (H&S) Data
- Cells Screened and Batteries Tested per RCC 319-19 for FTS Applications
- Micro-D, Standard D-Sub, or MS Connectors
- 2X 16.6 W Cell Heaters for Low Temp (<-20°C) Operation (With 28V Power Source)

Applications

- Missiles
- Launch Vehicles
- Aircraft / UAV

Package Size

4.75" L x 4.40" W x 2.67" H
(Micro-D connector version)

Weight

- 2.2 Lbs.

Specifications	
Capacity	5.0 Ah Max.
Voltage	29.0 Vdc nominal (33.2 V to 20.0 V)
Charge Current	2.5A (5A Max.)
Charge Temperature	0°C to +50°C
Discharge Current *Not for cycle life	Continuous: Up to 18 Amps* Pulse: Up to 44 Amps (≤ 30 seconds)*
Discharge Temperature	-20°C to +60°C
Mounting	Four #10 Fasteners (Through Hole)
Heater	2X 16.6 W For low temperature operation < -20°C (externally controlled)
Connector Interface (Custom options available)	Single 31 Pin Connector: M83513-03-E03N
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