

High Power Li-Ion Polymer Battery 39381-4



Features

- High Continuous Discharge Rate of 125 A (5C)
- Rugged Aluminum Housing
- Stackable Configuration
- D38999 Connectors
- Tested to high dynamic environments
- Flight proven
- Integrated heaters for cold use (< -20°C)

Applications

- Satellite
- Launch Vehicles
- Aircraft
- Maritime

Package Size

- 10.42" x 4.33" x 4.33"

Mounting

- 6.00" x 5.25"
- 4X #10 screws

Weight

- 11.5 lbs.

Specifications	
Capacity	22 Ah
Energy	640 Wh
Voltage	29.6 Vdc nominal (33.6 V to 24.0 V)
Charge Current	12.5 A, C/2 standard (50 A max.)
Charge Temperature	0°C to 40°C
Discharge Current	Continuous: Up to 72 Amps* Pulse: Up to 200 Amps (≤ 10 seconds) *Using existing wiring and connector configuration (Capable of delivering up to 550A with upgraded wiring and connectors)
Discharge Temperature	-20°C to +60°C
Random Vibration	47.5 Grms (tested)
Charger/Analyzer 501371	Provides Programmable Protection and Monitoring Cell Balancing during Charging 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 Integrated data acquisition Programmable discharge and pulse rates