

# Modular Li-Ion Battery 39521 Series



## Features

- Compact lightweight design
- Can be configured for High or Low Voltage Operation
- Rugged Aluminum Housing
- D38999 Connectors
- Designed for high dynamic load environments
- Cell and pack level safety features
- Modular design allows for multiple batteries to be stacked for increased voltage or capacity

## Applications

- Satellite
- Launch Vehicles
- Aircraft
- Maritime
- Hypersonic Vehicles

## Package Size

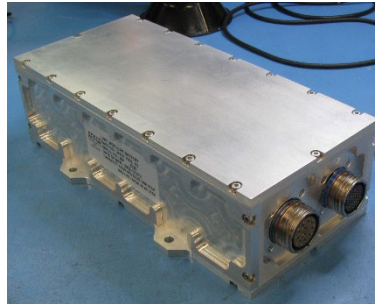
11.0" x 5.88" x 3.27"

## Mounting

5.25" x 4.875", 4X  
1/4" Fasteners

## Weight

10.2 lbs



39521 Modular Battery



501371 Charger/Analyzer

Specifications	
Energy	725 Wh
Voltage	29 Vdc or 145 Vdc nominal
Capacity	25 Ah or 5 Ah
Charge Current	C/2 standard
Charge Temperature	0°C to 45°C
Discharge Current	Continuous: Up to 50 Amps* in Low Voltage Mode 10 Amps in High Voltage Mode *Not for cycle life, temperature and SOC dependent
	Pulse: Up to 73.5 Amps (≤ 10 seconds)*
Discharge Temperature	-20°C to +60°C
<b>Charger/Analyzer 501371</b>	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

