



TECHNICAL DATASHEET

BT-70939AP

24V High Power 6T Rechargeable Lithium-Ion Battery



Features

- CAN Bus Communication (Daisy Chain Capable)
- Energy Capacity of 2.6kWh
- Instantly available 1100A @ -18°C, 400A @ -40°C with no pre-heat required
- Electronically Protected
- Light Weight
- Long Cycle Life

Typical Applications

- Tactical/Combat Vehicles
- Silent Watch
- Robotics
- Unmanned Vehicles
- Weapon Systems

Recommended Charging Platforms

- Designed to interface with MIL-STD-1275 compliant vehicle charging systems

Technical Specifications

National Stock Number	Pending
BT Part Number	BT-70939AP
Dimensions (less handles)	Length: 10.0 in (254 mm) Width: 10.5 in (267 mm) Height: 9.05 in (230 mm) including connectors
Weight	42 Lbs (19.1 Kg)
Nominal Voltage	25.2V
Peak Current (-18°C, 30sec)	1100A - no pre-heat required
Peak Current (-40°C, 30sec)	400A - no pre-heat required
Nominal Capacity	105Ah (2.6kWh)
Operating Temperature	-40°C to +60°C (-40°F to +140°F)
Storage Temperature	-46°C to +71°C (-50°F to +160°F)
Connector	8 mm Female Threaded Contacts
State of Charge Indicator	5 Segment LCD
Disposal	Check local regulations (Contains 0% Mercury or Cadmium)

Bren-Tronics is an advanced designer and manufacturer of primary and rechargeable batteries, chargers and complete energy storage systems from watt hours to megawatt hours.

For a complete description of our products refer to Bren-Tronics website at: <http://www.bren-tronics.com>



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