

TECHNICAL DATASHEET

BT-70939AP(H)

24V High Power

6T Rechargeable Lithium-Ion Battery



Features

- CAN Bus Communication (Daisy Chain Capable)
- Energy Capacity of 2.7kWh
- Instantly available 1100A @ -18°C, 400A @ -40°C with no pre-heat required
- Electronically Protected
- Light Weight
- Long Cycle Life
- Optional Internal Heater (BT-70939AP(H)) for charging below -20°C
- CE Compliant

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	BT-70939AP: 6140-01-651-5047; BT-70939APH: Pending
BT Part Number	BT-70939AP and BT-70939APH
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
Cranking Amperes (-18°C, 30sec)	1100A
Cranking Amperes (-40°C, 30sec)	400A
Nominal Capacity	103Ah (2.7kWh)
Operating Temperature, Discharge	-46°C to +71°C (-51°F to +160°F) (Pre-Heating Not Required)
Operating Temperature, Charge	-20°C to +71°C (-4°F to +160°F) for BT-70939AP -46°C to +71°C (-51°F to +160°F) for BT-70939APH
Storage Temperature	-54°C to +88°C (-65°F to +190°F)
Terminals	8 mm Female Threaded Contacts Optional SAE Posts (BTK-70939-TR Post Kit)
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>



HEADQUARTERS

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