



**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**

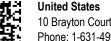
- Tactical/Combat Vehicles
- Silent Watch
- Robotics
- Unmanned Vehicles
- Weapon Systems
- CE

#### **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	HEADQUARTERS
systems from watt hours to megawatt hours.	10 Drouten Court Commank NV 11725

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



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