

TECHNICAL DATASHEET

BT-70939M-TPB

24V (TARDEC/GVSC 2-B90)

6T Rechargeable Lithium-Ion Battery



90Ah

Features

- CAN Bus Communication; J1939 compatible
- Energy Capacity of 2.65kWh
- Instantly available 1100A @ -18°C, 400A @ -40°C with no pre-heat required
- Electronically Protected
- Light Weight
- Long Cycle Life
- Meets MIL-PRF-32565C Requirement

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-70939M-TPB
Dimensions (less handles)	Length: 10.0 in (254 mm) Width: 10.5 in (267 mm)
	Height: 9.05 in (230 mm) including connectors
Weight	61.7 lbs (28 kg)
Nominal Voltage	25.2V
Discharge Current	180A continuous
Charge Current	300A
Nominal Capacity	90Ah (2250Wh) charged to 28.5V, 105Ah (2650Wh) charged to 29.4V
Operating Temperature, Discharge	-46°C to +71°C (-51°F to +160°F)
Operating Temperature, Charge	-46°C to +71°C (-51°F to +160°F)
Storage Temperature	-54°C to +88°C (-65°F to +190°F)
Terminals	Per MIL-PRF-32565C
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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