

## TECHNICAL DATASHEET

# BT-70939M-TFEC

## 24V GVSC Ultra High Capacity 6T Rechargeable Lithium-Ion Battery



### Features

- CAN Bus Communication; J1939 compatible
- UN/DOT 38.3 Rating 4.2kWh
- 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
- CE and UKCA 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

**162Ah**



### Technical Specifications

National Stock Number	Pending
BT Part Number	BT-70939M-TFEC
Dimensions (less handles)	<b>Length:</b> 10.0 in (254 mm) <b>Width:</b> 10.5 in (267 mm) <b>Height:</b> 9.05 in (230 mm) including connectors
Weight (nom.)	56.7 lbs (25.7 kg)
Nominal Voltage	25.2V
Discharge Current	180A continuous
Charge Current (max.)	300A
Capacity (nom.)	162Ah 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>



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