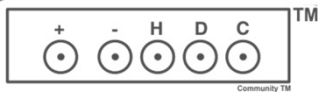


TECHNICAL DATASHEET

BT-70838BE

Rechargeable, Lithium-Ion Battery



Features

- Complies with SMBus v1.1 and SBData v1.1
- UN/DOT 38.3 Rating: 94Wh
- Comparable to: BT-70838, BT-70838A, BT-70838Bx, BT-70838-2/3, BT-70838-2/3A, BT-70838-2/3Bx, and BT-70838-1/3Bx
- Enhanced cold temperature performance
- Absolute state of charge indicator

Typical Applications

- Land Warrior System (German Soldier Modernization Program)
- Land Warrior Programs
- Soldier Modernization Programs

Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70838-7
BTC-70844	BTA-70838-7
BTC-70819, -1, -3	BTA-70838-7
BTC-70838-10	(Not Required)
BTC-70824-1	BTA-70838S
BTC-70663	BTA-70838S
BTC-70838-1	(Not Required)

Technical Specifications

National Stock Number	Pending
BT Part Number	BT-70838BE
Dimensions	Length: 7.795 +/- 0.05 in (197.99 +/- 1.27 mm) Width: 3.033 +/- 0.02 in (77.04 +/- 0.51 mm) Height: 0.908 +/- 0.02 in (23.06 +/- 0.51 mm)
Weight	1.2 lbs (0.53 kg)
Nominal Voltage	10.8V
Maximum Voltage	12.6V
Capacity	8.4Ah
Discharge	6A Max Continuous
Operating Temperature	-32°C to +60°C (-25.6°F to +140°F)
Recommended Storage Temperature	-40°C to +55°C (-40°F to +131°F)
Connector	BT Designed Mating Connector
State of Charge Indicator	5 Segment LCD with Constant Display
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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