Bren-Tronics, Inc.
Intelligent Military Batteries & Charging Systems™
WWW.BREN-TRONICS.COM

TECHNICAL DATASHEET

BT-70838-2/3Cx Series

Rechargeable, Lithium-Ion Battery





Features

- Complies with SMBus v1.1 and SBData v1.1
- Absolute state of charge indicator
- CE Compliant

- Available Configurations include:

BT-70838-2/3CE, 5.6Ah, UN/DOT 38.3 RATING: 63Wh
BT-70838-2/3CG, 6.4Ah, UN/DOT 38.3 RATING: 73Wh
BT-70838-2/3CK, 5.0Ah, UN/DOT 38.3 RATING: 56Wh
BT-70838-2/3CVx, 6.8Ah, UN/DOT 38.3 RATING: 76Wh

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-70838-2/3	Not Required
BTC-70838-10	BTA-70838-6
BTC-70824-1	BTA-70838S
BTC-70663	BTA-70838S
BTC-70838-1	Not Required

CE

Technical Specifications

National Stock Number	6140-01-670-8105 (BT-70838-2/3CV)
BT Part Number	BT-70838-2/3Cx Series
Dimensions	**Length:** 5.666 +/- 0.05 in (143.92 +/- 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	0.86 lbs (0.39 kg)
Nominal Voltage	10.8V
Maximum Voltage	12.6V
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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