

## TECHNICAL DATASHEET

### BT-70868Bx Series

### Rechargeable, Lithium-Ion Battery



#### Features

- Complies with SMBus v1.1 and SBData v1.1
- Comparable to: LI-145, UBBL06, BT-70867Bx, and UBBL08
- Absolute state of charge indicator
- Available Configurations include:  
BT-70868BE, 11.2Ah, UN/DOT 38.3 RATING: 167Wh  
BT-70868BG, 12.8Ah, UN/DOT 38.3 RATING: 196Wh  
BT-70868BK, 9.7Ah, UN/DOT 38.3 RATING: 154Wh  
BT-70868BV, 13.6Ah, UN/DOT 38.3 RATING: 202Wh (High Capacity)

#### Typical Applications

- Worldwide Soldier Modernization Programs

#### Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70868
BTC-70844	BTA-70868
BTC-70819, -1, -3	BTA-70868
BTC-70836	BTA-70868-1
BTC-70870, -1, -3	BTA-70868-1
BTC-70824-1	BTA-70868S
BTC-70663	BTA-70868S
BTC-70777	Not Required

#### Technical Specifications

National Stock Number	6140-01-542-4380 (BT-70868BK)
BT Part Number	BT-70868Bx Series
Dimensions	Length: 8.25 +/- 0.01 in (209.55 +/- 0.25 mm) Width: 1.66 +/- 0.01 in (42.16 +/- 0.25 mm) Height: 2.90 +/- 0.01 in (73.66 +/- 0.25 mm)
Weight	2.2 lbs (1.02 kg)
Nominal Voltage	14.4V
Maximum Voltage	16.8V
Discharge	5A Max Continuous
Pulse Discharge	15A for 915 microseconds (50 pulses every second)
Operating Temperature	-20°C to +55°C (-4°F to +131°F)
Recommended Storage Temperature	-40°C to +40°C (-40°F to +104°F)
Connector	Glenair Part # 807 216 07ZNU6 6DY
State of Charge Indicator	5 Segment LED with Push Button 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>



#### HEADQUARTERS

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