

## BT-70747Bx Series

## Rechargeable, Lithium-Ion Battery



### Features

- Complies with SMBus v1.1 and SBData v1.1
- Comparable to: BB-2847A/U, BA-5347/U, BT-70747, BT-70747A, BT-70747Bx, BT-70478 and BT-70478A
- Enhanced cold temperature performance version (BT-70747BE)
- Absolute state of charge indicator
- Available Configurations include:  
BT-70747BE, 8.3Ah, UN/DOT 38.3 RATING: 63Wh  
BT-70747BG, 9.3Ah, UN/DOT 38.3 RATING: 73Wh  
BT-70747BK, 7.1Ah, UN/DOT 38.3 RATING: 56Wh  
BT-70747BV, 10.3Ah, UN/DOT 38.3 RATING: 76Wh

### Typical Applications

- Radio Set (AN/PRM-34)
- Mine Detector (AN/PRS-7)
- Thermal Weapon Sight (AN/PAS-13)

### Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70396
BTC-70844	BTA-70396
BTC-70819, -1, -3	BTA-70396
BTC-70836	BTA-70841
BTC-70870, -1, -3	BTA-70841
BTC-70824-1	BTA-70747S
BTC-70663	BTA-70747S
BTC-70747-LR	(Not Required)
BTC-70747S, -1	(Not Required)

### Technical Specifications

National Stock Number	6140-01-493-8092 (BT-70747BK)
BT Part Number	BT-70747Bx Series
Dimensions	<b>Length:</b> 2.55 +/- 0.031 in (64.77 +/- 0.79 mm) <b>Width:</b> 1.50 +/- 0.031 in (38.10 +/- 0.79 mm) <b>Height:</b> 3.75 +/- 0.031 in (95.25 +/- 0.79 mm)
Weight	0.84 lbs (0.38 kg)
Nominal Voltage	7.2V
Maximum Voltage	8.4V
Discharge	8A Max Continuous
Pulse Discharge	10W for 2.9 minutes or 3W for 7.1 minutes
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Recommended Storage Temperature	-40°C to +40°C (-40°F to +104°F)
Connector	2 Hole Socket and Flat Contacts
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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