

## BT-70791BV

## Rechargeable, Lithium-Ion Battery



### Features

- Complies with SMBus v1.1 and SBDData v1.1
- UN/DOT 38.3 Rating: 302Wh
- Comparable to: BB-2590/U, BT-70791A, BT-70791Cx, and BT-70791Jx
- Absolute state of charge indicator
- Designed, manufactured, and tested to MIL-PRF-32052/1 in the USA
- Protected by one or more U.S. Patents. See: [www.bren-tronics.com/patents](http://www.bren-tronics.com/patents)
- Compliant to European Council EMC Directive 2004/108/EC and Battery Directive 2006/66/EC

### Typical Applications

- Robots
- Surveillance / Sensors
- SINCGARS & ATCS (AN/PRC-104, 119) Radios
- FALCON (AN/PRC-138, 117) Radios

### Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70834 or BTA-70903
BTC-70844	BTA-70834 or BTA-70903
BTC-70819, -1, -3	BTA-70834 or BTA-70903
BTC-70836	BTA-70841 or BTA-70820
BTC-70870, -1, -3	BTA-70841 or BTA-70820
BTC-70824-1	BTA-70782 or BTA-70781
BTC-70663	BTA-70782 or BTA-70781A
BTC-70824-2	(Not Required)
BTC-70791-LR, MR	(Not Required)
BTC-70903-LR, MR1	(Not Required)
BTK-70822-MR-x	(Not Required)
BTC-70911-xx	(Not Required)

### Technical Specifications

National Stock Number	Pending	Conforms to NSN: 6140-01-490-4316
BT Part Number	BT-70791BV	
Dimensions	<b>Length:</b> 4.4 in (112 mm) <b>Width:</b> 2.4 in (61 mm) <b>Height:</b> 5.0 in (127 mm)	
Weight	3.1 lbs (1.4 kg)	
Nominal Voltage	28.8V, Two (2) x 14.4V/Section	
Maximum Voltage	33.6V, Two (2) x 16.8V/Section	
Capacity	10.3Ah in 24V Mode; 20.6Ah in 12V Mode	
Discharge	10A Max Continuous / Section	
Pulse Discharge	18A (5 sec ON/25 sec OFF) / Section	
Operating Temperature	-32°C to +60°C (-25.6°F to +140°F)	
Recommended Storage Temperature	-40°C to +40°C (-40°F to +104°F)	
Connector	6 Pin Floating Type per U.S. Army DWG # SC-C-179495	
State of Charge Indicator	5 Segment LCDs 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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### HEADQUARTERS

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