

TECHNICAL DATASHEET

BT-70791JP

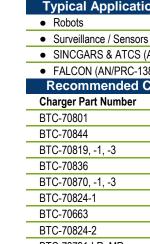
High Power & Ultra Low Temp Rechargeable, Lithium-Ion Battery

Features

- Complies with SMBus v1.1 and SBData v1.1
- UN/DOT 38.3 Rating: 216Wh
- Comparable to: BT-70791A, BT-70791Bx, BT-70791Cx and BT-70791Jx
- Enhanced low temperature performance, operates as low as -40°C
- Designed, manufactured, and tested to MIL-PRF-32052/1 in the USA
- · Absolute state of charge indicator
- Protected by one or more U.S. Patents. See: www.bren-tronics.com/patents
- High Charge Rate (10A max)
- High Discharge Rate 13A Continuous/30A Pulse
- CE Compliant

Typical Applications

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



Recommended Charging Platforms Required Adapter Part Number BTA-70834 or BTA-70903 BTA-70834 or BTA-70903 BTA-70834 or BTA-70903 BTA-70841 or BTA-70820 BTA-70841 or BTA-70820 BTA-70782 or BTA-70781 BTA-70782 or BTA-70781A (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
BT Part Number	BT-70791JP
Dimensions	Length: 4.369 +/- 0.031 in (110.97 +/- 0.79 mm) Width: 2.419 +/- 0.031 in (61.44 +/- 0.79 mm)
	Height: 4.969 +/- 0.031 in (126.21 +/- 0.79 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	7.3Ah in 24V Mode; 14.6Ah in 12V Mode
Discharge	13A Max Continuous / Section
Pulse Discharge	30A (5 sec ON/25 sec OFF) / Section
Operating Temperature	–40°C to +60°C (-40°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



HEADQUARTERS United States

10 Brayton Court, Commack, NY 11725 Phone: 1-631-499-5155 • Fax: 1-631-499-5504

Europe • 20 rue Henri Regnault 75014, Paris, France • Phone: +33(0)1-40-59-8051 • Fax: +33(0)1-45-41-5816

United Kingdom • 7 Airfield House, Kingston Business Park, Kingston Bagpuize, Oxon OX13 5FD • Phone: +44-1865-822322 • Fax: +44-1865-822301 Data presented in this document is subject to change without notice. This is for marketing and sales purposes only. This is not a controlled document. Please contact Bren-Tronics for latest specifications.