

BT-70791CG

High Performance, Rechargeable Lithium-Ion Battery
Batteries Rechargeable



NSN: 6140-01-659-6604

Features

- Complies with SMBus v1.1 and SBDData v1.1
- UN/DOT 38.3 Rating: 294Wh
- Comparable to: BB-2590/U, BT-70791A, BT-70701Bx and BT-70791Cx
- 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 5,625,273 and 6,242,893 and 8,961,225 and D705,167. Other Patents Pending
- Compliant to European Council EMC Directive 2004/108/EC

Typical Applications

- Robots
- Surveillance / Sensors
- SINCGARS & ASIP (AN/PRC-119) Radios
- FALCON (AN/PRC-150, 117) Radios

Recommended Charging Platforms

| Charger Part Number | Required Adaptor 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 |
| BTC-70822-MR-x | Not Required |
| BTC-70911-x | Not Required |

Technical Specifications

| | | |
|--|---|--------|
| Dimensions | Length | 112 mm |
| | Width | 61 mm |
| | Height | 127 mm |
| Weight | 1.4 kg | |
| Nominal Voltage | 28.8 V, Two (2) x 14.4 V / section | |
| Maximum Voltage | 33.0 V, Two (2) x 16.5 V / section * 33.6 V, Two (2) x 16.8 V / section (with the BTA-70903 adaptor) | |
| Capacity | 9.9 Ah in 24 V Mode 19.8 Ah in 12 V Mode | |
| Discharge | 10 A maximum continuous / section | |
| Pulse Discharge | 18 A (5 sec ON/25 sec OFF) / section | |
| Operating Temperature | - 20°C to + 60°C | |
| Recommended Storage Temperature | - 40°C to + 40°C | |
| Connector | Floating type per US Army DWG # SC-C-179495 | |
| State of Charge Indicator | 2 separate 5 segment LCDs with constant display | |
| Disposal | Check local regulations (Contains 0% Mercury or Cadmium) | |



September 2018

All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



sales@eylex.com.au
www.eylex.com.au