

# BT-70790B

Rechargeable Nickel Metal Hydride Battery  
**Batteries Rechargeable**



NSN: 6140-01-490-4317

Military Part Number: BB-390B/U



## Features

- Comparable to: BT-70790, BT-70791A, BT-70791Bx, and BT-70791Cx
- Designed, manufactured, and qualified to MIL-PRF-32052/1 in the USA

## 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	Not Required
BTC-70791-MR	Not Required
BTC-70822-MR	Not Required

## Typical Applications

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

## Technical Specifications

<b>Dimensions</b>	Length 112 mm Width 61 mm Height 127 mm
<b>Weight</b>	1.8 kg
<b>Nominal Voltage</b>	24.0 V, Two (2) x 12.0 V/Section
<b>Maximum Voltage</b>	31.0 V, Two (2) x 15.5 V/Section
<b>Capacity</b>	4.9 Ah in 24 V Mode 9.8 Ah in 12 V Mode
<b>Discharge</b>	10 A maximum Continuous / Section
<b>Pulse Discharge</b>	18 A (5 sec ON/25 sec OFF) / Section
<b>Operating Temperature</b>	- 20°C to + 55°C
<b>Recommended Storage Temperature</b>	- 40°C to + 50°C
<b>Connector</b>	Floating type per US Army DWG # SC-C-179495
<b>State of Charge Indicator</b>	2 separate 5 segment LCDs with constant display
<b>Disposal</b>	Check local regulations (Contains 0% Mercury or Cadmium)

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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