

# BT-70791JP

High Power and Ultra Low Temp, Rechargeable Lithium-Ion Battery  
**Batteries Rechargeable**



## Features

- Complies with SMBus v1.1 and SBDData 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
- High Charge Rate (10 A max)
- High Discharge Rate 13 A Continuous / 30 A Pulse
- CE Compliant

## Typical Applications

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

## Technical Specifications

<b>Dimensions</b>	Length	110.97 ± 0.79 mm
	Width	61.44 ± 0.79 mm
	Height	126.21 ± 0.79 mm
<b>Weight</b>	1.4 kg	
<b>Nominal Voltage</b>	28.8 V, Two (2) x 14.4 V / section	
<b>Maximum Voltage</b>	33.6 V, Two (2) x 16.8 V / section	
<b>Capacity</b>	7.3 Ah in 24 V Mode	
	14.6 Ah in 12 V Mode	
<b>Discharge</b>	13 A maximum continuous / section	
<b>Pulse Discharge</b>	30 A (5 sec ON/25 sec OFF) / section	
<b>Operating Temperature</b>	- 40°C to + 60°C	
<b>Recommended Storage Temperature</b>	- 40°C to + 40°C	
<b>Connector</b>	6 Pin Floating type per US Army DWG # SC-C-179495	
<b>State of Charge Indicator</b>	5 segment LCDs with constant display	
<b>Disposal</b>	Check local regulations (Contains 0% Mercury or Cadmium)	

## 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, MRI	Not Required
BTC-70822-MR-x	Not Required
BTC-70911-xx	Not Required



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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



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