

BT-7079ICE

Low Temperature Rechargeable Lithium-Ion Battery
Batteries Rechargeable



conforms to NSN: 6140-01-490-4316

Features

- Complies with SMBus v1.1 and SBData v1.1
- UN/DOT 38.3 Rating: 251Wh
- Comparable to: BB-2590/U, BT-7079IE, BT-7079IBx and BT-7079ICx
- 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
- CB Schema per IEC 62133.

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	Not Required
BTC-70911-4, -5, -7, -9, 10, -11, -12	Not Required

Typical Applications

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

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	8.7 Ah in 24 V Mode 17.4 Ah in 12 V Mode
Discharge	10 A maximum continuous / section
Pulse Discharge	18 A (5 sec ON/25 sec OFF) / section
Operating Temperature	- 30°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)



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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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