

BT-70757Bx Series

Rechargeable, Lithium-Ion Battery



Features

- Complies with SMBus v1.1 and SBData v1.1
 - Comparable to: BT-70557, BT-70757, BT-70757A, BT-70757G, BB-2557/U and BB-557/U
 - Absolute state of charge indicator
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- Available Configurations include:
 - BT-70757BE, 2.8Ah in 24V, 5.6Ah in 12V, UN/DOT 38.3 RATING: 84Wh
 - BT-70757BG, 3.3Ah in 24V, 6.6Ah in 12V, UN/DOT 38.3 RATING: 98Wh
 - BT-70757BK, 2.5Ah in 24V, 5.0Ah in 12V, UN/DOT 38.3 RATING: 75Wh
 - BT-70757BV, 3.4Ah in 24V, 6.8Ah in 12V, UN/DOT 38.3 RATING: 99Wh

Typical Applications

- TACFIRE (AN/PSG-2A & 2B)
- REMBASS (RT-1175A/GSQ)
- AN/PSQ-7
- Unmanned Robots (UGV/UAV)

Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70812
BTC-70844	BTA-70812
BTC-70819, -1, -3	BTA-70812
BTC-70836	BTA-70843
BTC-70870, -1, -3	BTA-70843
BTC-70824-1, BTC-70663	BTA-70782
BTC-70824-2	(Not Required)
BTK-70822-MR-x	(Not Required)
BTC-70791-MR	(Not Required)
BTC-70903-MR1	(Not Required)

Technical Specifications

National Stock Number	6140-01-679-1331 (BT-70757BV)
BT Part Number	BT-70757Bx Series
Dimensions	Length: 4.125 +/- 0.031 in (105 +/- 0.78 mm) Width: 1.437 +/- 0.031 in (37 +/- 0.78 mm) Height: 3.916 +/- 0.031 in (99 +/- 0.78 mm)
Weight	1.2 lbs (0.54 kg)
Nominal Voltage	28.8V, Two (2) x 14.4V/Section
Maximum Voltage	33.6V, Two (2) x 16.8V/Section
Discharge	3A Max Continuous / Section
Pulse Discharge	5A (5 sec ON / 25 sec OFF) / Section
Operating Temperature	-20°C to +60°C (-4°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 LCD's 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>



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