Bren-Tronics, Inc.
Intelligent Military Batteries & Charging Systems™
WWW.BREN-TRONICS.COM

TECHNICAL DATASHEET

BT-70909Ax Series

Rechargeable, Lithium-Ion Battery



Features

- Complies with SMBus v1.1 and SBData v1.1
- UN/DOT 38.3
- Absolute state of charge indicator

- Available Configurations include:
  - BT-70909AE Battery, Li ION, NETT+, 84Wh, 5.6Ah
  - BT-70909AG Battery, Li ION, NETT+, 98Wh, 6.4Ah
  - BT-70909AK Battery, Li ION, NETT+, 75Wh, 5.0Ah
  - BT-70909AV Battery, Li ION, NETT+, 99Wh, 6.8Ah

Typical Applications

- Land Warrior Programs
- Solider Modernization Programs

Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70909-7
BTC-70844	BTA-70909-7
BTC-70819 Series	BTA-70909-7
BTC-70824-1	BTA-70909S
BTC-70663	BTA-70909S
BTC-70909-1	(Not Required)

Technical Specifications

National Stock Number	Pending
BT Part Number	BT-70909Ax Series
Dimensions	**Length:** 7.065 +/- 0.05 in (179.45 +/- 1.27 mm) **Width:** 3.033 +/- 0.02 in (77.04 +/- 0.51 mm) **Height:** 0.908 +/- 0.02 in (23.06 +/- 0.51 mm)
Weight	1.05 lbs (0.476 kg)
Nominal Voltage	14.4V
Maximum Voltage	16.8V
Discharge	6A Max Continuous
Operating Temperature	–32°C to +60°C (-25.6°F to +140°F)
Recommended Storage Temperature	–40°C to +55°C (-40°F to +131°F)
Connector	BT Designed Mating Connector
State of Charge Indicator	5 Segment LCD with Constant Display
Material/Color	ABS Plastic/Tan
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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