

TECHNICAL DATASHEET

BT-70915-1/3Ax Series

Cylindrical Energy Source (CES30) Rechargeable, Lithium-Ion Battery



Community Registered Design (CRD)
Dessin Et Modèle Communautaire (DMC)



Features

- Complies with SMBus v1.1 and SBDData v1.1
- Comparable to: BT-70915Ax, BT-70915-1/3Ax and BT-70915-2/3Ax
- Enhanced cold temperature performance
- Absolute state of charge indicator
- Tested and certified to meet requirements of battery safety standard IEC 62133
- CE Compliant
- Available Configurations include:
 - BT-70915-1/3AE, 2.8Ah, UN/DOT 38.3 RATING: 31Wh
 - BT-70915-1/3AG, 3.2Ah, UN/DOT 38.3 RATING: 37Wh
 - BT-70915-1/3AV, 3.4Ah, UN/DOT 38.3 RATING: 38Wh
 - BT-70915-1/3AK, 2.5Ah, UN/DOT 38.3 RATING: 28Wh

Typical Applications

- Portable Optonics
- GPS Receivers
- Unmanned Ground Vehicles (UGV - small robots)
- Forward Entry Devices

Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70801	BTA-70915
BTC-70844	BTA-70915
BTC-70819, -1, -3	BTA-70915
BTC-70915S	(Not Required)

Technical Specifications

National Stock Number	6140-01-673-9017 (BT-70915-1/3AV)
BT Part Number	BT-70915-1/3Ax Series
Dimensions	Diameter: 1.748 +/- 0.020 in (44.4 +/- 0.5 mm) Height: 3.450 +/- 0.020 in (87.6 +/- 0.5 mm)
Weight	0.48 lbs (0.22 kg)
Nominal Voltage	10.8V
Maximum Voltage	12.6V
Discharge	3A 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
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>



HEADQUARTERS

United States

10 Brayton Court, Commack, NY 11725
Phone: 1-631-499-5155 • Fax: 1-631-499-5504

Europe • 20 rue Henri Regnault 75014, Paris, France • Phone: +33(0)1-40-59-8051 • Fax: +33(0)1-45-41-5816

United Kingdom • 7 Airfield House, Kingston Business Park, Kingston Bagpuize, Oxon OX13 5FD • Phone: +44-1865-822322 • Fax: +44-1865-822301

Data presented in this document is subject to change without notice. This is for marketing and sales purposes only. This is not a controlled document. Please contact Bren-Tronics for latest specifications.