



Bren-Tronics, Inc.

Intelligent Military Batteries & Charging Systems™

WWW.BREN-TRONICS.COM

TECHNICAL DATASHEET

BB-2013

Rechargeable, Lithium-Ion Battery

Features

- Complies with SMBus v1.1 and SBData v1.1
- UN/DOT 38.3 Rating: 490 Wh
- Comparable to: BT-70877BE, BT-70877BF, and BB-2009
- Absolute state of charge indicators

Typical Applications

- Aselsan Manpack Jammer
- Aselsan SDR Radio

Recommended Charging Platforms

Charger Part Number	Required Adapter Part Number
BTC-70819	BTA-70877
BTC-70819-1	BTA-70877
BTC-70819-3	BTA-70877



Technical Specifications

National Stock Number	Pending
BT Part Number	BT-70877CG
Dimensions	Length: 10.3 in (261 mm) Width: 3.1 in (80 mm) Height: 3.6 in (92 mm)
Weight	5.4 +/- 0.22 Lbs (2.45 +/- 0.1 Kg)
Nominal Voltage	28.8V, Two (2) x 14.4V/Section
Maximum Voltage	33.6V, Two (2) x 16.8V/Section
Capacity	16.0 Ah in 24V Mode; 32.0 Ah in 12V Mode
Discharge	10A Max Continuous / Section
Pulse Discharge	18A (5 sec ON/25 sec OFF) / Section
Operating Temperature	-20°C to +55°C (-4°F to +131°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 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>



Data presented in this document is subject to change without notice.

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