

**1/2 BB-2590/U**

**Rechargeable, Lithium-Ion Battery**

**Product Note:**

This product complies with SMBus v1.1, SBDData v1.1  
Part of the 'Intelligent Battery System' ®  
Total Power of 85 Wh

**Replacement for or Compatible with:**

- BB-2590/U (BT-70791A or BT-70791E)
- BB-390B/U (BT-70790)
- BB-390A/U (BT-70290)
- BB-590/U (BT-70409)
- BB-490/U
- BB-690/U
- BA-5590/U
- BA-3590/U



When Ordering Specify P/N:  
**BT-70876**

Recommended Charger	Required Adapter
BTC-70801	BTA-70834
BTC-70844	BTA-70834
BTC-70819	BTA-70834
BTC-70836	BTA-70841
	BTA-70820
BTC-70870,-"X"	BTA-70841
	BTA-70820
BTC-70824-2	N/A
BTC-70791-LR	N/A
BTC-70791-MR	N/A
BTC-70822-MR	N/A

**Technical Data**

National Stock Number	Pending
BT Part No.	BT-70876
Dimensions	Length: 4.4 in (112 mm) Width: 2.4 in (61 mm) Height: 2.5 in (64 mm)
Weight	1.2 Lbs (0.5 Kg)
Voltage (Nominal)	28.8V, Two (2) x 14.4V/Section
Voltage (Maximum)	33.0V, Two (2) x 16.5V/Section
Capacity	2.7 Ah in 24V Mode; 5.4 Ah in 12V Mode
Discharge	4A max. Continuous / Section
Pulse Discharge	10A (5 sec ON / 25 sec OFF) / Section
Operating Temperature	-30°C to +55°C (-22°F to 131°F)
Storage Temperature	-40°C To +40°C (-40°F To +104°F)
Connector	Floating type per U.S. Army DWG # SC-C-179495
State of Charge Display	2 Separate 5 Segment LCD's with Constant Display
Disposal	Environmentally safe - See Material Safety Data Sheet (MSDS)

For a complete description of our products refer to Bren-Tronics website at: <http://www.bren-tronics.com>

10 Brayton Court, Commack, NY 11725 Tel 631.499.5155 Fax 631.499.5504  
Email [sales@bren-tronics.com](mailto:sales@bren-tronics.com) [www.bren-tronics.com](http://www.bren-tronics.com)