

# BB-2590/U

## Rechargeable, Lithium Ion Battery with "State of Charge Display" SMBus V.1.1 Compliant



### Typically Used in

- SINGARS & ATCS (AN/PRC-104, 119, 117)
- FALCON (AN/PRC-138117) KY-57
- MXF430 (V), AN/PSC-5, M22

### Replacement for/or Compatible with

- BA-5390/U
- BA-5590/U
- BB-390B/U
- BB-590/U
- BB-690/Y

Recommended Charger	Required Adapter
BTC-70791-LR (Single Position)	N/A
BTC-70819 (SPC Lite)	BTA-70834
PP-8498/U (SPC)	BTA-70834
PP-8481B/U (VMC)	BTA-70820 (Bulk)
	BTA-70841 (Univ.)
BTK-70822-X (Solar Charger)	BTA-70834-1

### Description

National Stock Number	6140-01-490-4316
BT Part No.	BT-70791A
Dimensions, Nominal	Width: 4.4 in (112 mm), Depth: 2.4 in (63 mm), Height: 5 in (127 mm)
Weight (Nominal)	3.10 lb (1.4 kg)
Voltage (Nominal)	28.8V, Two (2) x 14.4V/Section
Voltage (Maximum)	33.0V, Two (2) x 16.5V/Section
Capacity	Full Capacity, 2A Discharge; 6.8 Ah/207 Wh in 24V Mode; 13.6 Ah/207 Wh in 12V Mode
Operating Temperature Range	-20°C to +55°C (-4°F to +131°F)
Storage Temperature	-20°C to +55°C (-4°F to +131°F) Recommended: < +25°C (77°F)
Connector	Floating T type per U.S. Army DWG# SC-C-179495
Charge	Charge Each Section Independently at Constant Voltage of 16.5V, 3A (max) for 5h
State of Charge Display	2 Separate 5 Segment LCDs with Constant Display
Battery Communication	SMBus V.1.1. compliant; SB Data V.1.1. compliant
Packaging	Unit Box 1 per, Master Carton 10 per; Weight: 36.1 lb (15.0 kg); Cubes: 0.53ft <sup>3</sup> (0.016m <sup>3</sup> )
Disposal	Environmentally Safe – Contains Zero (0)% Mercury or Cadmium

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)