

BB-2590/U

Rechargeable Lithium-Ion Battery with SMBus V1.1



When Ordering Specify P/N:
BT-70791A

Product Note:

- This product complies with SMBus v1.1, SBData v1.1
- The only BB-2590/U Certified for Military Use
- Total Power of 207 Wh
- Part of the 'Intelligent Battery System'®

Typically Used in

- SINGARS & ATCS (AN/PRC-104, 117, 119)
- FALCON (AN/PRC-138, 117) KY-57
- MXF430 (V), AN/PSC-5, M22

Replacement for or Compatible with

- | | |
|-----------|-----------|
| BA-3590/U | BB-490/U |
| BA-5590/U | BB-590/U |
| BA-5390/U | BB-390B/U |

Recommended Charger	Required Adapter
PP-8498/U (BTC-70801)	J-6358B/P (BTA-70834)
BTC-70844 (CE)	J-6358B/P (BTA-70834)
BTC-70791-LR	N/A
BTC-70819 (CE)	J-6358B/P (BTA-70834)
PP-8481B/U (BTC-70836)	J-6520A/U (BTA-70841)
	J-6581/U (BTA-70820)
BTC-70822-MR	N/A

Technical Data

National Stock Number	6140-01-490-4316
BT Part No.	BT-70791A
Dimensions	Length: 4.40 in (111.8 mm) Width: 2.45 in (62.6 mm) Height: 5.0 in (127.0mm)
Weight	3.1lbs (1.4 Kg)
Voltage (Nominal)	28.8V, Two (2) x 14.4V/Section
Voltage (Maximum)	33.0V, Two (2) x 16.5V/Section
Capacity	7.2 Ah in 24V Mode; 14.4 Ah in 12V Mode
Operating Temperature Range	-20°C to +55°C (-4°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
US Government Specification	MIL-PRF-32052/1
State of Charge Display	2 Separate 5 Segment LCD's with Constant Display
Packaging	Unit Box 1 ea, Master Carton 10 ea, Weight: 36.1 lb (15.0 kg); Cubes: 0.62ft ³ (0.017m ³)
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>

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