

BT-2590F

Rechargeable, Lithium-Ion Battery



When Ordering Specify P/N:
BT-2590F

Product Note:

This product complies with SMBus v1.1, SBData v1.1

Part of the 'Intelligent Battery System'®

Total Energy of 190Wh

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)

BA-3590/U (BT-70082)

BB-690/U

BA-5590/U

BB-490/U

Recommended Charger	Required Adapter
BTC-70819	BTA-70899
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
BTC-70824-1	BTA-70782
BTC-70663	BTA-70782

Technical Data

National Stock Number	Pending
BT Part No.	BT-2590F
Dimensions	Length: 4.4 in (112 mm) Width: 2.4 in (61 mm) Height: 5.0 in (127 mm)
Weight	3.1 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	6.0 Ah in 24V Mode; 12.0 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)
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 www.bren-tronics.com