



BB-2590 /F

Rechargeable Lithium-Ion Battery



Product Note:

- This product complies with SMBus v1.1, SBData v1.1
- Every safety feature of the standard BB-2590/U
- Lower cost alternative for lower power applications
- Total Power of 190+ 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)
	BTA-70899
PP-8481B/U (BTC-70836)	J-6520A/U (BTA-70841)
	J-6581/U (BTA-70820)
BTC-70870-3	J-6520A/U (BTA-70841)
	J-6581/U (BTA-70820)
BTC-70822-MR	N/A

When Ordering Specify P/N:
BT-70791F

Technical Data

BT Part No.	BT-70791F
Dimensions	Length: 4.40in(111.8mm) Width: 2.45in(62.6mm) Height: 5.0in(127.0mm)
Weight	3.1lbs(1.4Kg)
Voltage (Nominal)	28.8V, Two (2) x 14.4V/Section
Voltage (Maximum)	33.0V, Two (2) x 16.5V/Section
Capacity	6.4Ah in 24V Mode; 12.8Ah in 12V Mode
Discharge	6A max. Continuous/ Section
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
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: 0.62ft³ (0.017m³)
Disposal	Environmentally safe- See Material Safety Data Sheet (MSDS)