

BTE-70791A-T1B

6-PACK Portable Power System



Features

- 1.2kWh to 1.8kWh Portable Power System with the ability to increase as higher capacity BB-2590/U batteries become available
- SMBus v1.1 & SBDData v1.1 compliant
- RS-485 Communication Interface
- Capable of acting as a UPS, Power Supply or Standalone Battery Unit
- The 6-PACK provides versatility needed by the Warfighter to power their mission with one piece of equipment
- The 6-PACK can hold one (1) to six (6) BB-2590/U batteries packed into a rugged, watertight container (batteries NOT included)
- Contains an integrated Power Management System
- DC input protection prevents over-discharge damage to vehicle battery
- Maximum Power Point Tracking (MPPT)

Related Products

- BTE-70791A-G1B (Portable Power Supply, 6-PACK, Green)
- BTC-70772-T1 (AC Booster)
- BTC-70772-T2 (DC Booster)
- BTA-70791A-x (DC Output Cable Options)
- BTA-70864-x (AC Input Cable Options)
- BTA-70863-x (DC Input Cable Options)
- BTA-70695x (Voltage Limiter)
- BTA-70862B (Junction Box, 4 in 1 out)

Technical Specifications

National Stock Number	6130-01-588-5188
BT Part Number	BTE-70791A-T1B
Dimensions	Length: 12.8 in (325 mm) Width: 10.8 in (274 mm) Height: 11.3 in (287 mm)
Weight	39 lbs (18 kg) with batteries, 21 lbs (9.5 kg) without batteries
Capacity	81.6Ah to 118.8Ah @ 14.4V; 40.8Ah to 59.4Ah @ 28.8V (depending on battery used)
Outputs	12Vdc: 12-16.8Vdc, 24Vdc: 24-33.6Vdc
Continuous Power	60A max @ 14.4Vdc; 30 A max @ 28.8Vdc
Inputs	11-18Vdc, 20A; 20-33Vdc, 15A; 90-264Vac, 250VA; 47-440Hz, 12-36Vdc Solar, 20A
Charge Times	24Vdc: 7-10 hrs, 12Vdc: 11-16 hrs, AC: 11-16 hrs, Solar: 7-10 hrs
Operating Temperature	-20°C to +55°C (-4°F to +131°F)
Storage Temperature	-40°C to +70°C (-40°F to 158°F)
Material/Color	Heavy Duty Aluminum/Tan
Disposal	Check local regulations (Contains 0% Mercury or Cadmium)

Bren-Tronics is an advanced designer and manufacturer of primary and rechargeable batteries, chargers and complete energy storage systems from watt hours to megawatt hours.

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



HEADQUARTERS

United States

10 Brayton Court, Commack, NY 11725
Phone: 1-631-499-5155 • Fax: 1-631-499-5504

Europe • 20 rue Henri Regnault 75014, Paris, France • Phone: +33(0)1-40-59-8051 • Fax: +33(0)1-45-41-5816

United Kingdom • 7 Airfield House, Kingston Business Park, Kingston Bagpuize, Oxon OX13 5FD • Phone: +44-1865-822322 • Fax: +44-1865-822301

Data presented in this document is subject to change without notice. This is for marketing and sales purposes only. This is not a controlled document. Please contact Bren-Tronics for latest specifications.