



**Fast Charging: 8 BB-2590/U Batteries Charged From 0% to Full in Less Than 3 Hours
16 Conformal BB-2525/U Batteries Charged in Less Than 3.5 Hours**

**(1000W) or 300W User Selectable Input Power Control
4 Adapter Ports Provide 8 Independent Charging Channels**

**Utilize Your Legacy SPC (Soldier Portable Charger) Adapters or New ABC Adapters
Incorporates Field Proven/Design Heritage from the Highly-Successful SPC and SPC Lite Chargers
Over 65,000 fielded!**

Features

- Flexible input power: AC (90-264Vac), DC (11-22Vdc, 46A), or Solar with MPPT (Maximum Power Point Tracking, 11-36Vdc)
- Familiar charging status: Red/Yellow/Green LED indicators
- Full-color 4.3" LCD display
- Menu navigation through rotary selector switch: gloved use, night operation compatible, blackout mode

- Display menu functions allow the user to see:

Detailed battery status (SOH, SOC, charging status...)
Charger's performance
System configuration

- 4 USB Type-A Charging Ports: 5V, 2A capable
- 1 USB Type-C Charging Port: 5V, 3A capable
- Stand alone firmware upgrade using USB flash drive

- Removable cover to minimize required footprint
- Durable, compact and lightweight design: <math> < 1.0 \text{ ft}^3 </math>, <math> < 22 \text{ lbs}</math>
- IP67 - water resistant up to 3 feet for 30 minutes

ABC			
Pos	Name	Status	SOC
1A	BT-70791CK	Ready	100%
1B	BT-70791BG	Charge	71%
2A	BT-70791CK	Trickle	95%
2B	BT-70791CK	Charge	9%
3A	BT-70791BG	Charge	70%
3B	BT-70791BGHT	Charge	65%
4A	BT-70791BG	Precharge	0%
4B	BT-70791BG	Charge	68%

BATTERY INFO	
Property	Value
Name	BT-70791CK
Position	1A
Status	Ready
Voltage	16.41 V
Current	0.000 A
SOC	100%
SOH	▲ 76%
Cycle Count	▲ 502
Power	0.00 Watts
▲ Cycle Count exceeds the warning threshold	
▲ SOH is below the warning threshold.	

- Compliant with MIL-STD-810, MIL-STD-454, MIL-STD-461 and MIL-STD-1275
- RoHS Compliant
- CE Marked





Technical Specifications

PHYSICAL CHARACTERISTICS

Dimensions	20.0L x 13.1W x 6.3H (in), 508L x 333W x 160H (mm)	Input Power	AC: 90-264Vac, 47-440Hz, 1000W
Weight	22.0 lbs (9.98 kg)		DC: 11-22Vdc, 46A Maximum
Material / Color	Polypropylene ABS Plastic / Black Base, Tan Cover; Aluminum Chassis		Solar: 11-36Vdc, 1000W Maximum
National Stock No.	6130-01-660-3696		
CE Marked			
Operating Temperature	-31°C to 55°C (-25°F to 131°F)		
Storage Temperature	-40°C to 71°C (-40°F to 160°F)		

Accessories - Optional (sold separately)

Please contact your local Rep for details or contact Customer Support: 1-631-499-5155 x131 or email sales@bren-tronics.com.

Part No.	Input Range				Length	Terminal	
	AC 90-264V	DC 22-36V	DC 10-36V	Solar		Type	Qty
Power Cables							
BTA-70100-AC-1	X				10ft	NEMA5, 15P (US)	1
BTA-70100-AC-1A	X				6ft	NEMA5, 15P (US)	1
BTA-70100-DC12-1			X		8ft	Ring Lug 12V Vehicle Operation	2
BTA-70100-DC24-1		X			10ft	NATO Plug	1
BTA-70100-DC24-2		X			10ft	GREENS	1
BTA-70100-DC24-3		X			8ft	Ring Lug 24V Vehicle Operation	2
BTA-70100-DCS-1				X	12ft	AISPCA - MC4 Connector	2
BTA-70100-DCS-2				X	8ft	Trailer Hitch Solar	4
Adapter Cable							
BTA-70100-ACA-1	X	NA	NA	NA	2.75in	NEMA6-15P to 5-15R (US)	1
Solar Panels (Various configurations available. Visit http://www.bren-tronics.com for details)							

ABC Battery Adapters (NOTE: All legacy SPC fielded adapters supported)

Additional ABC specific adapters for BB-2847A/U, BB-2600/U, Conformal BB-2525/U, BB-2800/U, AN-PRC-154 and others available

Part No.	Product Image	Batteries Per Adapter	Batteries Supported <small>Batteries marked with * can be charged with/without radio attached.</small>	Est. Charge Time in Hours
BTA-70100-1		2	BB-2590/U	< 3
		2	BB-2557/U	< 2
		2	BB-390B/U	< 2.5
		2	BB-590	< 3
		2	BB-557	< 3
BTA-70100-2		2	AN/PRC-148 *	< 2.5
		2	AN/PRC-152 *	< 2.5
		4	AA NiMH and NiCd	< 2
		2	D NiMH and NiCd	< 1
BTA-70100-3		2	AN/PRC-153 *	< 2.5
		2	C NiMH and NiCd	< 1

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.

Visit us at: <http://www.bren-tronics.com>

HEADQUARTERS - USA
10 Brayton Court
Commack, NY 11725
Phone: 1-631-499-5155

EUROPE
20 rue Henri Regnault
75014, Paris, France
Phone: +33(0)1-40-59-8051

UNITED KINGDOM
7 Airfield House, Kingston Business Park
Kingston Bagpuize, Oxon OX13 5FD
Phone: +44-1865-822322

