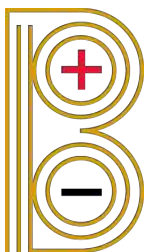




Bren-Tronics, Inc.

Intelligent Military Batteries & Charging Systems™

WWW.BREN-TRONICS.COM



*“Safe and reliable power
for the warfighter”.*

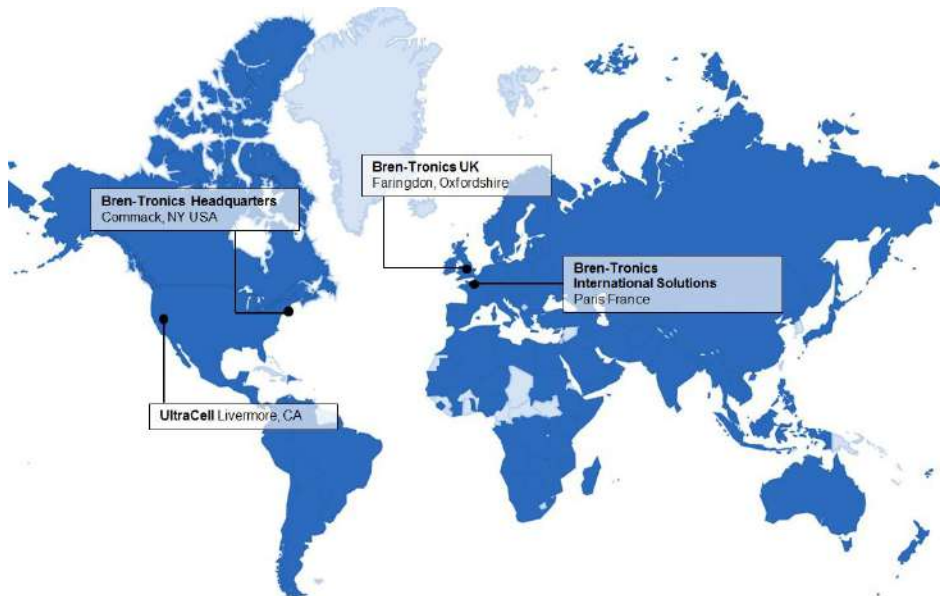
Overview

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.

Our history

Founded in 1973 by Leo A. Brenna, a Vietnam-Era veteran, our start was primary batteries which shifted to secondary (rechargeable) batteries in the 1980s.

We continue to innovate with advanced chemistries and solutions tailored for various input sources such as solar panels, wind turbines and fuel cells.



Bren-Tronics Global Presence

Bren-Tronics has multiple representatives around the world. The headquarters are situated in Commack, New York, 50 miles east of New York City.

Contents

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BATTERIES

DoD's trusted supplier of rechargeable batteries for over 20 years, we have delivered millions of rechargeable batteries, many of which are still working for the warfighter today. The standards Bren-Tronics has set for the DoD are what the rest of the industry follows today. Our current line of rechargeables is more robust than the military performance specifications call for.

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CHARGERS

Battery charging systems form the back-end of a complete package with our rechargeable batteries. Ruggedized cases along with proprietary circuitry that delivers perfectly tuned output according to each battery's requirements keep you on the move, whether it's on the ground, in the air, or in the water. Our chargers deliver solutions for AC to DC conversion, power from solar panels and fuel cells and wind turbine in vehicle-mounted desktop or man-portable solutions. Standard features include ultrasonically welded high-impact plastic cases for maximum durability and easy-to-follow instructions.

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ACCESSORIES

Whether you need adapters for your chargers and batteries, discharging devices for maintaining them, or other add-ons to your existing equipment, Bren-Tronics has you covered.

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ENERGY SYSTEMS

Bren-Tronics engineers are passionate about staying ahead of the curve. Innovative solutions from our labs include battery packs that deliver the full output of conventional diesel generators—without the noise and operating costs.



BB-2590/U

THE GOLD STANDARD OF MILITARY BATTERIES

	Feature	Nominal Amp-Hour Capacity	Nominal Energy Capacity	Bren-Tronics Part No.
	Certified to Gov't MIL-PRF	7.5 Ah	225 Wh	BT-70791BK
	Low Temp (-40°C)	8.7 Ah	251 Wh	BT-70791BE*
	Max Runtime	10.3 Ah	302 Wh	BT-70791BV
	Operating Temperature		-40°C to +60°C (-40°F to +140°F)	

Bren-Tronics Series of BB-2590/U provide:

- ✓ Reference design from proven and government tested BB-2590/U to satisfy a robust DOD requirement.
- ✓ Designed, manufactured and tested to MIL-PRF-32052-1 in the USA.
- ✓ Ruggedized case construction.
- ✓ Compliant to European Council EMC Directive 2004/10/EC.
- ✓ Protected by one or more U.S. Patents.
- Visit for details: <http://bren-tronics.com/patents>
- * CB Schema per IEC 61233 only for the BT-70791CE model.

ROBOTS AND RADIOS POWERED WITH BB-2590/U BATTERIES

WHEN COMMUNICATION IS CRITICAL OEMS AND WARFIGHTERS RELY ON BREN-TRONICS




BREN-TRONICS BATTERIES ARE USED IN OVER 25 DIFFERENT UNMANNED DEVICES




BB-2557/U

LONGER RUNTIME: 50% MORE THAN PRIOR MODELS

	Feature	Nominal Amp-Hour Capacity	Nominal Energy Capacity	Bren-Tronics Part No.
	Certified to Gov't MIL-PRF	2.5 Ah	75 Wh	BT-70757BK
	Low Temp	2.8 Ah	84 Wh	BT-70757BE
	Max Runtime	3.4 Ah	99 Wh	BT-70757BV
Operating Temperature			-20°C to +60°C (-4°F to +140°F)	



IMPROVED RADIO POWER AN/PRC-148 BATTERY

	Feature	Nominal Amp-Hour Capacity	Nominal Energy Capacity	Bren-Tronics Part No.
	Low Temp	5.8 Ah	63 Wh	BT-70716BE
	Max Runtime	6.8 Ah	76 Wh	BT-70716BV
Operating Temperature			-30°C to +60°C (-22°F to +140°F)	

Visit our website to see more rechargeable and non-rechargeable batteries:

<http://bren-tronics.com/batteries>



CSEL
BT-70581Cx



BT-70430



Sophie
BT-70492BK





BB-390B/U
BT-70790B



PR4G (ALI-142, ALI-143, ALI-243)

A COMPLETE RANGE

 ALI-142	Features	Nominal Capacity in Ah	Nominal Energy	Bren-Tronics Part Number
	Certified for handheld PR4G	8.4 Ah	63 Wh	BT-70483CE (PR4G) BT-70651CE (JIM-LR)
	Operating temperature			-32°C to +60°C

 ALI-143 and ALI-243	Features	Nominal Capacity in Ah	Nominal Energy	Bren-Tronics Part Number
	Certified for PR4G Manpack	14.4 Ah	207 Wh	BT-70480BK (Manpack PR4G—ALI-143) BT-70493BK (ALI-243)
	Operating temperature			-35°C to +70°C


- ✓ Ruggedized case construction
- ✓ Good performance in cold weather
- ✓ ALI-243 has a side connector that enables charging while using the radio


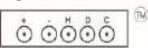
PR4G AND JIM LR POWERED WITH ALI-142

WHEN COMMUNICATION AND
OPTRONICS ARE CRITICAL
OEMS AND WARFIGHTERS
RELY ON BREN-TRONICS



BATTERIES FOR THE WARFIGHTER

SMP  10,8 V

 <p>SMP </p>	Bren-Tronics Part number	Nominal Capacity in Ah	Nominal Energy	Voltage	Weight
	BT-70838-1/3CV	3.4 Ah	38 Wh	10,8 V	210 g
	BT-70838-2/3CV	6.8 Ah	76 Wh	10,8 V	370 g
	BT-70838CV	10.2 Ah	113 Wh	10,8 V	530 g
Operating temperature				-32°C to +60°C	



Visit our website www.bren-tronics.com for more information on other available capacities.



ENERGY FOR THE WARFIGHTER


NETT + 14,4 V



 <p>NETT + </p>	Bren-Tronics Part number	Nominal Capacity in Ah	Nominal Energy	Voltage	Weight
	BT-70909AV	6.8 Ah	101 Wh	14.4 V	476 g
	Operating temperature			-32°C to +60°C	

Battery with patent

CYLINDRICAL BATTERIES FOR OPTRONICS

 <p>Battery with patent</p>	Bren-Tronics Part number	Nominal Capacity in Ah	Nominal Energy	Voltage	Weight
	BT-70915-1/3AV	3.4 Ah	38 Wh	10,8 V	220 g
	BT-70915-2/3AV	6.8 Ah	76 Wh	10,8 V	380 g
	BT-70915AV	10.2 Ah	113 Wh	10,8 V	490 g
Operating temperature				-32°C to +60°C	



HIGH ENERGY 24V 6T LITHIUM-ION BATTERY

TWICE THE ENERGY AND HALF THE WEIGHT
COMPARED TO LEAD ACID MODELS



BRENERGY™
By Bren-Tronics

Application	Nominal Amp-Hour Capacity	Nominal Energy Capacity	Bren-Tronics Part No.
Power	103Ah	2.7 kWh	BT-70939AP or BT-70939APH*
Energy	126Ah	3.2 kWh	BT-70939CU or BT-70939CUH*
Operating Temperature	-40°C to +60°C (-40°F to +140°F). Pre-Heating Not Required		
Charging Temperature	-20°C to +60°C (-4°F to +140°F) *-40°C to +60°C (-40°F to +140°F) for Versions with H suffix		

24V 6T Lithium-Ion Battery series provide:

- ✓ High Output Energy, up to 3.2 kWh
- ✓ High Output, Power Version exceeds MIL-STD-1275E Cranking Requirements
- ✓ Mechanical form fit drop-in replacement
- ✓ Designed to interface with MIL-STD-1275 compliant vehicle charging systems
- ✓ Marine version available. Approved for salted water 'compliance'

Features

- ✓ Energy Capacity from 2.7 kWh to 3.2 kWh
- ✓ Cold cranking current up to 1100A @ -18°C, 400A @ -40°C with no pre-heat required with Power Version
- ✓ Electronically Protected
- ✓ Light Weight
- ✓ Long Cycle Life
- ✓ CAN Bus Communication (Daisy Chain Capable)
- ✓ SAE post terminals available



Typical Applications

- ✓ Tactical/Combat Vehicles
- ✓ Silent Watch
- ✓ Robotics
- ✓ Unmanned Vehicles
- ✓ Weapon Systems
- ✓ Hybrid Power Systems








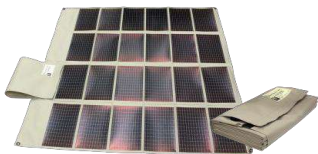




FLEX CHARGER™

FOLDABLE LIGHTWEIGHT EXPEDITIONARY CHARGER™

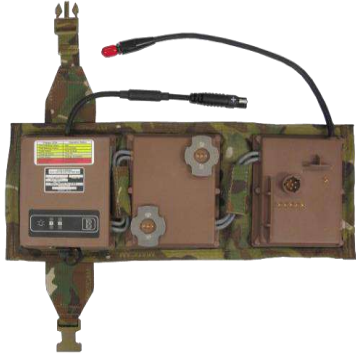



A SIMPLE SOLUTION FOR YOUR FRONT-LINE CHARGING NEEDS

Accessories Included with FLEX Charger™ Kit		
		
AC/DC POWER ADAPTER	24V DC NATO SLAVE CABLE	X90 SCAVENGER
Powers from any 100-240VAC wall outlet or 12-16VDC vehicle cigarette lighter power port. <i>BT Part No. BTP-591791-3</i>	Provides power from vehicle NATO slave receptacle. <i>BT Part No. BTA-70671</i>	Takes power from an X90 type battery. <i>BT Part No. BTA-70768</i>
		
MOLLE BAG	EXTENSION CABLE	
Molle Bag w/ zipper protects components during transit or storage. <i>BT Part No. BTP-490022</i>	8ft long extension cable. <i>BT Part No. 390651</i>	
<i>Items marked with  are not included and can be added by request</i>		
		
 60 WATT, 21V SOLAR PANEL	 Y-JUNCTION CABLE	
Incorporates solid state, thin-film, solar cells on a flexible substrate. Available in Woodland Camo or Tan color. <i>BT Part No. BTP-592400-G (camo), BTP-592400-T (tan)</i>	Used to connect multiple solar panels together. <i>BT Part No. BTA-70797</i>	

Designed for charging a variety of standard military batteries via Flexible power options including AC (wall outlet) and DC (Solar/Vehicular/xx90 Scavenger).

Available in 2 and 4 panel versions and existing kit configurations. Please contact us for additional configurations: <http://bren-tronics.com/BTK-70911XXA>

2-PANEL FLEX CHARGER™		4-PANEL FLEX CHARGER™					
 <p><i>BT Part No. for model shown: BTC-70911-7</i></p>		 <p><i>BT Part No. for model shown: BTC-70911-13</i></p>					
Bren-Tronics Part No.		No. of Panels	Battery Model and Total No. of Batteries Chargeable per FLEX Charger™				
Charger only	Charger Kit <i>includes charger and accessories kit</i>		PRC-154	PRC-148 or PRC152	BB-2590/U or BB-2557/U	Conformal (BT-70909Ax)	SPRF (RF-7850S)
BTC-70911-1	BTK-70911-1A	4 panels	4	4	-	-	-
BTC-70911-2	BTK-70911-2A	2 panels	2	2	-	-	-
BTC-70911-3	BTK-70911-3A	2 panels	-	-	1	1	-
BTC-70911-4	BTK-70911-4A	2 panels	1	1	1	1	-
BTC-70911-7	BTK-70911-7A	2 panels	-	2	1	1	-
BTC-70811-8	BTK-70911-8A	2 panels	-	4	-	-	-
BTC-70911-9	BTK-70911-9A	2 panels	-	2	1	-	-
BTC-70911-10	BTK-70911-10A	2 panels	-	2	1	-	1
BTC-70911-11	BTK-70911-11A	2 panels	-	-	2	-	-
BTC-70911-12	BTK-70911-12A	4 panels	-	-	4	-	-
BTC-70911-13	BTK-70911-13A	4 panels	-	6	1	-	-



BENCH TOP CHARGING SOLUTIONS

- ✓ Soldier Portable Chargers (SPC and SPC Lite) are designed for charging over 100 different battery models.
- ✓ Feature high performance in a lightweight design for field deployment or shop usage.
- ✓ Capable of simultaneously charging 2-8 batteries completely unattended. Automatically identifies the battery model to provide the appropriate charge profile.
- ✓ Charging software is upgradable through RS-232 port
- ✓ Adapters and batteries are not included with the charger
- ✓ CE certified models are available

SPC CHARGER	SPC LITE CHARGER
Powered from 22-28Vdc, 15A, 90-260Vac, 47-420Hz, 375 VA	Powered from 22-33Vdc, 13A, 90-260Vac, 47-440Hz
BT Part No. BTC-70801 BTC-70844 (CE certified)	BT Part No. BTC-70819 or BTC-70819-x BTC-70819-1 (CE certified)



WHATEVER ENVIRONMENT YOU ARE IN, OUR CHARGERS FULFILL YOUR NEEDS

- ✓ Vehicle Mounted Chargers (VMC and VWC Lite) are designed for charging over 25 different battery models.
- ✓ Designed to withstand the rigors associated with charging batteries within a moving vehicle.
- ✓ VMC Charger is capable of simultaneously charging up to 16 batteries while the VMC Lite Charger can charge up to 8 batteries completely unattended.
- ✓ Charging Software is upgradable through RS-232 port
- ✓ Adapters and batteries are not included with the charger

VMC Charger	VMC LITE Charger	VMC MINI Charger
Powered from 22-28Vdc, 15A, 90- 260Vac, 47-420Hz, 375 VA	Powered from 22-33Vdc, 300W (max), 90-264Vac, 47-440Hz, 250 VA	Powered from 11-22Vdc (20A max); 22-36Vdc, 275W (max), 90-264Vac, 47-440Hz, 275 VA
Part number: <i>BTC-70836</i>	Part number : <i>BTC-70870 or BTC-70870-x</i>	Part number : <i>BTC-70988</i>

* Find the latest software updates on our website:
<http://bren-tronics.com/software-updates>

** Visit our website for a complete list of adapters available for each charger:
<http://bren-tronics.com/chargers>








NEWEST GENERATION OF UNIVERSAL CHARGER ABC CHARGER

- ✓ The universal ABC charger (Advanced Battery Charger) has been developed to enable the charge of no less than 100 different versions of batteries; In order to charge different battery types, a specific adapter is necessary.
- ✓ This newest generation of universal charger offers great performances (charging power between 1000 W and 300 W – choice of the user) in a design even lighter than before, and studied to be deployed on the field or as a bench top charging solution.
- ✓ The ABC Charger can charge simultaneously between 2 and 8 BB-2590/U type batteries in 3 hours without any compulsory presence. The charger identifies automatically the type of battery and charges with the right profile as necessary.
- ✓ The adapters and batteries are not included in the charger.
- ✓ There is an LCD display, with identification of each battery that is charging, State Of Charge indicator and number of cycles given for each identified battery.
- ✓ Accepts in input AC (90-264 Vac), DC (10-36V) and solar source with MPPT integrated.
- ✓ 4 USB 5V ports – 2A and 1 USB 5V 3A port.
- ✓ New adapter for an ultra-fast charge of BB-2590/U batteries (BTA-70100-1).



ADAPTERS FOR ABC CHARGER

✓ New adapters for an ultra-fast charge :

ABC ADAPTERS	Part No.	Batteries Per Adapter	Batteries Supported	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	<2
		2	D NIMH	<1
	BTA-70100-3	2	AN/PRC-153 *	<2.5
		2	C NIMH	<1

* With/without radio attached. Additional ABC Specific Adapters available for BB-2847A/U, BB-2600/U, Conformal BB-2525/U, BB-2800/U, AN-PRC-154 and others available.

✓ Existing adapters on SPC/SPC Lite compatible on ABC charger :

Name of battery rechargeable by SPC Lite (BTC-70819-X) / SPC and ABC chargers	Bren-Tronics battery part number	Bren-Tronics adapter's Part Number	Number of batteries per adapter
BB-2590	Family BT-70791BX	BTA-70834 or BTA-70903	2
BB-390	BT-70790	BTA-70834	2
BB-590	BT-70409	BTA-70834	2
PRC-152 (Harris)	N/A	BTA-70715	2
PRC-148, MBITR Thales, ALI-130	Family BT-70716BX	BTA-70810	2
BB-2847	Family BT-70747BX	BTA-70396	2
BB-2800	BT-70780	BTA-70807	2
BB-2557	BT-70757	BTA-70812	2
AA rechargeable batteries	N/A	BTA-70811	8
BB-2600	BT-70743	BTA-70443	2
Sophie	Family BT-70492XX	BTA-70492A	2
PR4G/Melchior or ALI-142+ALI-243	Family BT-70483 and BT-70480	BTA-70589A BTA-70582-1	2 4
JIM-LR	Family BT-70651BX	BTA-70589A BTA-70582-1	2 4
Future soldier SMP battery	Family BT-70838BX	BTA-70838-7	2
Félin (SS)	N/A	BTA-70721	2
ELVIR	BT-70740	BTA-70740	2



DEDICATED SINGLE-STATION CHARGERS

LIGHT WEIGHT AND COMPACT CHARGING OPTIONS

Ideal for personal battery maintenance in the field or in the depot.




Visit our website for more charging options: <http://bren-tronics.com/chargers>

	
<p>MULTI-CHEMISTRY BATTERY CHARGER</p>	<p>MID RATE AC/DC CHARGER KIT</p>
<p>For BB-2590/U, BB-390B/U and BB-2557/U batteries. Charges to 30Vdc or 230Vac in 3 to 12 hours depending on battery model.</p> <p><i>BT Part No. BTC-70824-2</i></p>	<p>Solar compatible for BB-2590, BB-390B/U and BB-2557/U batteries. Charges to 30V in 2.5 to 10.5 hours depending on battery model.</p> <p><i>BT Part No. BTK-70822-MR-x</i></p>
	
<p>LOW RATE CHARGER</p>	<p>MID RATE CHARGER</p>
<p>For BB-2590/U and BB-390B/U batteries. Charges to 3.6V in 10.5 to 17.5 hours depending on battery model.</p> <p><i>BT Part No. BTC-70903-LR</i></p>	<p>For BB-2590/U and BB-390B/U batteries. Charges to 3.6V in 2.5 to 10.5 hours depending on battery model.</p> <p><i>BT Part No. BTC-70903-MR1</i></p>

DUAL PORT USB CHARGERS

COMPATIBLE WITH X90 AND 148/152 BATTERIES

- ✓ Power most USB chargeable devices (Phones, Tablets and much more).
- ✓ Circuit automatically shuts down as needed for internal protection.
- ✓ Batteries are not included.

		
DUAL PORT USB CHARGER	AC INVERTER/ USB CHARGER	USB CHARGER AND BATTERY STATUS METER
Compatible with X90 batteries		Compatible with AN/PRC-148 and AN/PRC-152 batteries
Draws from both halves safely on two section batteries.	Incorporates ON/OFF switch. Provides LED status indicator.	Built in meter to check state of charge.
		* AC CHARGER MODULE WITH ADAPTER PLUGS
		For convenient operation in countries: USA, UK, AUS, EUR. <i>BT Part No. BTC-70810-1</i>
3.1A total output	120W AC output	3.1A total output
<i>BT Part No. BTP-70791-USB2</i>	<i>BT Part No. BTP-70791-AC1</i>	<i>BT Part No. BTP-70810-USB1</i>
Items marked with * are not included but optional and can be added by request		





6-PACK 1.8 kWh PORTABLE POWER SYSTEM



Input sources accepted:



90V-264V AC,



Solar panel

Part Number : BTE-70791A-T1B

Systems requiring significant amounts of energy are usually powered by generators or by constantly replacing batteries. The 6-PACK is an energy source comprised of six (6) BB-2590/U batteries packed into a rugged, watertight container with an integrated battery management system.

Depending on the power consumption, the 6-PACK can provide continuous energy for over one week in stand alone mode, or indefinite operation when connected to a renewable energy source (e.g., wind, solar, etc.). Batteries are not included.

Features

- ✓ Capable of acting as a UPS, Power Supply or Standalone Battery Unit
- ✓ Contains an integrated Power Management System
- ✓ SMBUs v.1. and SBData v1.1. compliant
- ✓ RS-485 Communication Interface
- ✓ 1.2kWh to 1.8kWh with the ability to increase as higher capacity BB-2590/U batteries become available
- ✓ Maximum Power Point Tracking (MPPT)



Accessories for 6-PACK

	<p>AC BOOSTER Provides additional power via AC power source. <i>BT Part No. BTC-70772-T1</i></p>		<p>DC BOOSTER Provides additional power via DC power source. <i>BT Part No. BTC-70772-T2</i></p>
	<p>60W, 15V SOLAR PANEL Available in Woodland Camo (-G) or Tan color (T). <i>BT Part No. BTP-592400x</i></p>		<p>BOOSTER TO 6-PACK CABLE Connects to the output of 6-PACK to AC or DC Booster. <i>BT Part No. BTA-70772-1</i></p>
	<p>SOLAR INPUT CABLE FOR 3-PANEL Connects 3 solar panels to 6-PACK. <i>BT Part No. BTA-70857-2B</i></p>		<p>12V DC INPUT CABLE WITH RING LUGS <i>BT Part No. BTA-70856-1B</i></p>
	<p>AC INPUT CABLE WITH REGIONAL PLUG <i>BT Part No. BTA-70864-x</i></p>		<p>DC INPUT CABLE WITH RING LUGS <i>BT Part No. BTA-70863-24</i></p>
	<p>AC INPUT CONNECTOR <i>BT Part No. BTA-70864-C</i></p>		<p>12/24V DC INPUT CONNECTOR <i>BT Part No. BTA-70863-C</i></p>
	<p>HUMMER SPLITTER BAYONET CABLE <i>BT Part No. BTA-70816B</i></p>		<p>DC/AC INVERTER <i>BT Part No. BTP-70888-T4</i></p>
	<p>12/24V DC OUTPUT CABLE WITH RING LUGS <i>BT Part No. BTA-70791A-5</i></p>		<p>24V DC OUTPUT CABLE WITH RING LUGS <i>BT Part No. BTA-70791A-2</i></p>
	<p>24V DC OUTPUT CABLE WITH BAYONET TERMINAL <i>BT Part No. BTA-70791A-1B</i></p>		<p>DC OUTPUT CONNECTOR <i>BT Part No. BTA-70791A-C</i></p>

Additional accessories are available. Visit: <http://www.bren-tronics.com/BTE-70791A-T1B>



TRAILER

HYBRID POWER SYSTEM



Part Number : BTP-70786

Power for camps or commanding posts are very dependent today to the use of fuel and generators.

In order to reduce as much as possible the use of fuel or other fossil source, Bren-Tronics has developed a mobile hybrid energy system on a trailer that integrates High technology Lithium-ion batteries in order to stock the energy and power other systems.

Various trailers can be paralleled in order to create a real energy off-grid network to power systems with different voltage (AC 110V-220V– DC 12V-24V).

Features

- ✓ Mobile on trailer —container/Shelter
- ✓ System management and integrated system of conversions of energy
- ✓ Dimensioning upon request depending on energy/power needs
- ✓ Maximum Power Point Tracking (MPPT)

HYBRID ENERGY CONTAINER

Managing energy is Bren-Tronics' expertise. For 44 years, we have been designing and manufacturing batteries with high performance cells and we convert different input sources (AC, solar, DC) into battery energy storage in order to in order to deliver the best possible energy that our customers need.

Depending on our customers' needs, Bren-Tronics offers Lithium-ion energy solutions that can be integrated on various platforms such as a container.



- ✓ Configurable and tailor-made
- ✓ Solar panels and/or diesel generator
- ✓ Maximum Power Point Tracking (MPPT) and solar inverters
- ✓ Lithium-ion batteries
- ✓ Inverters and BMS
- ✓ Autonomous energy management through a control panel



LI-ION 48 V BATTERY

100 Ah

BT-70980-50

Bren-Tronics has developed a 48V Li-Ion battery compatible to be integrated on different platforms such as containers. Energy storage is made in setting various Brenergy 48 V batteries in parallel mounted in racks.



BRENERGY[™]
By Bren-Tronics

BRENERGY 48 V – Lithium-Ion battery	Bren-Tronics Part number	Nominal capacity in Ah	Energy delivered	Nominal voltage	Weight
	BT-70980-50	100 Ah	5,04 kWh	50.4 V	68 kg
	Operating temperatures		-40°C to +60°C		

This 48 V Li-Ion battery is composed of :

- ✓ An integrated BMS system with RS-485 communications
- ✓ State Of Charge indicator with push button
- ✓ Internal protections for undervoltage, overvoltage, overcurrent, level of internal temperatures
- ✓ Long life cycle

EXAMPLES OF REALIZATION - APPLICATIONS

In order to drastically reduce the use of gasoline when powering a generator, Bren-Tronics has developed a hybrid energy system which offers other input sources such as solar energy or wind turbine, in addition to fossil energy. Harvest energy in input source is converted and stocked in the high technology Lithium-ion batteries in order to offer AC or DC current depending on what is needed by the customer :

- ✓ Power a camp (FOB)
- ✓ Power medical systems
- ✓ Power a container composed of charging systems in war zone
- ✓ Power surveillance systems (border surveillance, or reconnaissance mission)



Bren-Tronics answers all tailor-made needs you may have. The dimensioning on the number of solar panels needed, of inverters and Li-Ion batteries for energy harvest, depends on various factors, such as the place of deployment of the container, on the consumption of the systems and on the level of use of the generator.

Do not hesitate to contact Bren-Tronics engineering team : sales@bren-tronics.fr

BRENERGY™
By Bren-Tronics





The Power Behind The Warfighter

Our service support personnel are standing by to answer questions, solve problems, and help you get the most out of your Bren-Tronics' products. Their thorough product knowledge and "can-do" attitude puts you, the customer, first.

Please visit our website for upcoming trade shows, schedules, latest product announcements, and technical information about the best performing power products available in the world.

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COMMACK, NY 11725 USA

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