



2 Panel Configuration shown
BTC-70911-9



4 Panel Configuration shown
BTC-70911-12

Available in 2 and 4 panel versions

Charges 2 sets of batteries in 4-6 hours depending on the input power and batteries installed

Simultaneously charges like-batteries

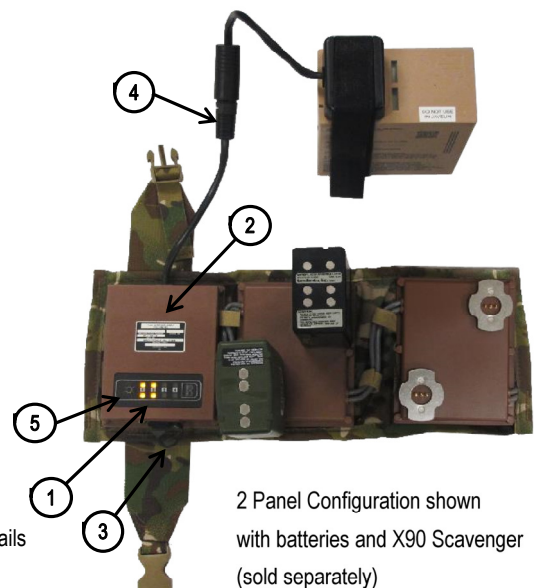
Existing configurations charge:

BB-2590/U, BB-2557/U, CWB, 148/152, SPR and Rifleman (PRC-154) radio batteries.

Powered from AC and DC (vehicle, NATO, solar sources, other battery sources)

Features

- Flexible input power: 20-36Vdc, 120W (max) or a solar panel
- Key Features
 - 1) Familiar charging status: Red/Yellow/Green LED Indicators
 - 2) Incorporates Maximum Power Point Tracking (MPPT) which allows the batteries to be charged more efficiently by constantly adjusting the maximum power available from a solar panel
 - 3) Equipped with a 10W USB charging port
 - 4) Equipped with a trailer hitch connector (shown scavenging power from BB-2590/U) for connections with multiple existing input cables
 - 5) Blackout button for stealth operation
- Depending on configuration, 2 or 4 panel, kit weight is approximately 3 or 4 Lbs respectively. Refer to Standard Components for Available FLEX Charger™ Kits on back of this sheet for details
- Customize your kit by adding 60W solar panels and more
- Protected by one or more U.S. Patents. Please visit our website for details: www.bren-tronics.com/patents



2 Panel Configuration shown
with batteries and X90 Scavenger
(sold separately)
BTC-70911-9

Technical Specifications

Available Configurations			Type of Battery and Quantity				
<i>Please contact your Sales Rep or Cust. Support for additional configurations</i>							
Charger Only Model No.	Charger Kit Model No.	No. of Panels	PRC-154	PRC-148 or PRC-152	BB-2590/U or BB-2557/U	Conformal or LI-80 or LI-145	SPR
BTC-70911-1	BTK-70911-1A	4	4	4	-	-	-
BTC-70911-2	BTK-70911-2A	2	2	2	-	-	-
BTC-70911-4	BTK-70911-4A	2	-	-	1	1	-
BTC-70911-5	BTK-70911-5A	2	1	1	1	1	-
BTC-70911-7	BTK-70911-7A	2	-	2	1	1	-
BTC-70911-8	BTK-70911-8A	2	-	4	-	-	-
BTC-70911-9	BTK-70911-9A	2	-	2	1	-	-
BTC-70911-10	BTK-70911-10A	2	-	2	1	1	1
BTC-70911-11	BTK-70911-11A	2	-	-	2	-	-
BTC-70911-12	BTK-70911-12A	4	-	-	4	-	-
BTC-70911-13	BTK-70911-13A	4	-	6	1	-	-
BTC-70911-14	BTK-70911-14A	2	-	-	-	-	2

PHYSICAL CHARACTERISTICS (Nominal. Request ICD for further details)

	2 Panel	4 Panel
Dimensions		
Folded	5.0L x 5.6W x 3.0H (in), 127L x 143W x 76H (mm)	5.0L x 5.6W x 4.5H (in), 127L x 143W x 114H (mm)
Unfolded	13.5 Lx 5.6W x 1.8H (in), 343L x 143W x 44H (mm)	22.8L x 5.6W x 1.8H (in), 578L x 143W x 44H (mm)
Charger Weight	1.2 Lbs (0.54 Kg)	1.8 Lbs (0.82 Kg)
Kit Weight	3.2 Lbs (1.45 Kg)	4.2 Lbs (1.90 Kg)
Material / Color	Modified ABS Plastic / Tan or Green Camo Fabric Carrier	
Operating Temperature	-20°C to 50°C (-4°F to 122°F)	Input Power 20-36Vdc
Storage Temperature	-40°C to 70°C (-40°F to 158°F)	

FLEX Charger™ Kit

Standard Components for Available FLEX Charger™ Kits		
<i>Please contact your Sales Rep or Customer Support for additional configurations</i>		
	Part No.	Description
Included	BTC-70911-xx	FLEX Charger™ (refer to Available Configurations table above for details)
	390651	8 Foot Extension Cable.
	BTA-70671	24V DC NATO Slave Cable. Provides power from vehicle.
	BTA-70768	X90 Scavenger. Takes power from an X90 type battery.
	BTP-490022	Molle Bag. Protects items during transit or storage.
	BTP-591791-3	AC/DC Power Adapter. Powers from any 100-240Vac or 12-16Vdc.
Optional (sold separately)	BTA-70797	Y-Junction Cable. Connects multiple solar panels together.
	BTA-70911-1	FLEX Charger™ Adapter for AN/PRC-152 to AN/PRC-148 Batteries.
	BTA-70911-2	FLEX Charger™ Adapter for AN/PRC-152 to Conformal (CWB) Batteries.
	BTP-592400-x	60W Foldable Flexible Solar Panel. Available in Woodland Camo (-G) or Tan (-T).
	BTP-592433-MC	60W Foldable Solar Panel. Incorporates low glare MultiCam® film.
BTP-592436-MC	120W Foldable Solar Panel. Incorporates low glare MultiCam® film.	

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.
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