



SMP **Soldier Modernization Program** Battery

WEARABLE POWER by BREN-TRONICS

New military technology has enabled our Warfighters to maintain a tactical advantage over our adversaries. These increased capabilities come along with greater power needs and increased energy demand.

Bren-Tronics batteries contain the newest technology to maximize power and energy and minimize size and weight. Bren-Tronics has provided reliable batteries and chargers for more than 45 years to help Warfighters ensure mission success.



FEATURES

- Modular, scalable, magazine size.
- Simple and robust blind mate connector.
- Absolute state of charge indicator
- Compliant with SMBus v1.1 and SBData v1.1
- All versions are interchangeable.
- Height Adapter available.
- Protected by one or more U.S. Patents.



5.56mm magazine comparable with full size SMP battery in dimensions.

TYPICAL APPLICATIONS

- Future Soldier & Soldier Modernization Programs
- Training & Simulation
- Light Weight Robotics
- UAV Ground Station
- Radio Communications

TECHNICAL SPECIFICATIONS

BREN-TRONICS PART NO.	BT-70838Cx			BT-70838-2/3Cx			BT-70838-1/3Cx	
	CK	CE	CV	CK	CE	CV	CE	CV
ENERGY RATING (Wh)	84	94	113	56	63	76	31	38
CAPACITY (Ah)	7.5	8.4	10.2	5	5.6	6.8	2.8	3.4
VOLTAGE	10.8V Nominal; 12.6V Maximum							
DIMENSIONS L x W x H	7.8 x 3.0 x 0.9 in (198 x 77 x 23 mm)			5.6 x 3.0 x 0.9 in (144 x 77 x 23 mm)			3.5 x 3.0 x 0.9 in (89 x 77 x 23 mm)	
WEIGHT	1.24 lbs. (0.56 kg)			0.86 lbs. (0.39 kg)			0.49 lbs. (0.22 kg)	
OPERATING TEMPERATURE	CK			CE			CV	
<i>For 1/3, 2/3 and full capacity models</i>	20°C to +60°C (-4°F to +140°F)			-30°C to +60°C (-22°F to +140°F)			-32°C to +60°C (-25.6°F to +140°F)	

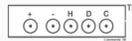




SMP BULK CHARGERS & ADAPTERS



BTC-70100
Advance Battery Charger (ABC)
Fastest Charger in the Industry
Charges 16 Batteries Simultaneously



BTA-70100-838
SMP ABC Adapter



BTC-70819
Soldier Portable Charger (SPC)



BTA-70838-7
SMP+ Adapter SPC CABLE



BTC-70819
Soldier Portable Charger Lite
(SPC LITE)

SMP VEHICLE MOUNTED CHARGERS & ADAPTERS



BTC-70870
VMC LITE



BTC-70988 & BTC-70988-L
VMC MINI



BTA-70838-2/3A
SMP VMC Adapter



BTC-70836
Vehicle Mounted Charger



BTC-70838-10
VMC SMP Full



BTA-70838-6
SMP Battery
Size Adapter



BTA-70838-2/3
VMC SMP 2/3



BTA-70838-6A
1/3 SMP Battery
Size Adapter

SMP Solar Charging



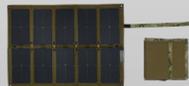
BTC-70663
CHARGE CONTROLLER



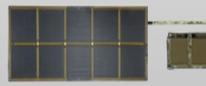
BTA-70838S
SMP Solar Adapter



BTP-592400-x
60 Watts Panel



BTP-592433-MC
60W Impact Resistant Panel



BTP-592436-MC
120W Impact Resistant Panel

SMP Single Charger



BTC-70838-1
No Adapter Required



Pouch

BTE-70838-2/3-P1 & BTE-70838-PGF1
(SMP Battery not included)

SMP Accessories



BTE-70838-P1
Pouch
Unterminated



BTE-70838-X1
Unterminated
Docking Station



BTE-70838-XGF1
Terminated
Docking Station



BTA-70838-8
SMP Mating Cable