

MODULAR TACTICAL CHARGER (MTC)

Universal Charger for the Universal, Warfighter Worn Charger For Multiple Military Batteries



	WEIGHT	DIMENSIONS
Power Supply	1.25lbs (567 grams)	6.6”(268mm) X 2.79”(71mm) X 2.04”(52mm)
Charger	0.55lbs (250 grams)	4.6”(117mm) X 2.95”(75mm) X 1.45”(37mm)

FEATURES

Efficient

High Power Charger, Charges Batteries Faster

Light Weight, Reduces Fatigue

Small Form Factor, Reduces Bulk

Versatile

Charges Multiple Battery Types

Uses Wide Variety of Power Sources:

Xx90 (Scavenging)

Wind & Solar

Direct DC

NATO DC plug

Compliant

EMI: MIL-STD-461E (Ground Tactical Profile)

Environmental: MIL-STD-810G
(Ground Tactical Profile)

DC Power Inputs: MIL-STD-1275
(Spikes and Surges)

EMI/RFI/EMC Protection

Application Support

Conformal Wearable Battery (CWB)

Dual 5V USB Charging Ports*

BB-2590/U*

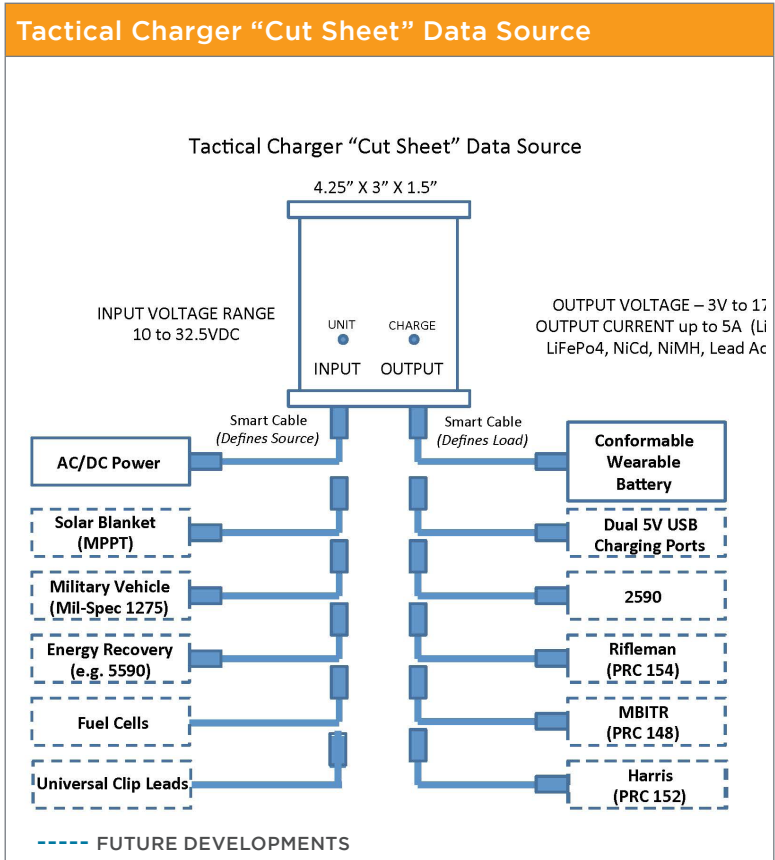
Rifleman (PRC-154)*

MBITR (PRC 148)*

Harris (PRC 152)*

*Coming soon

Specifications	
Model#/Part#	MC-MTC-1-CYB, CWB only/980127
AC-DC Input Voltage	90V - 264VAC (47Hz -63Hz)
Output Voltage	30.8VDC
DC/DC Input Voltage	10VDC - 32.5VDC
Wattage	130W
MIL-Specs	MIL STD - 810G, 461E, 1275
Weight	Power Supply: 1.25lbs (567 grams)
	Charger: 0.55lbs (250 grams)
Dimensions	Power Supply: 6.6"(268mm) X 2.79"(71mm) X 2.04"(52mm)
	Charger: 4.6"(117mm) X 2.95"(75mm) X 1.45"(37mm)
Exterior Housing	Aluminum & PC ABS
Operating Temperature	-20° C to +55° C
Storage Temperature	-40° C to +71° C
Charge Indicator	Status & Self-Diagnostic
Output Current (Max)	5A
Communication	SMBus v1.1, level 2 smart charger
Color	FED-STD-595, Coyote Brown
Chemistries	Li-Ion: CWB, BB-2590 & BB-3590
	Ni-Cd: BB-590
	Ni-MH: BB-390
Optional Inputs	Solar Blankets, Maximum Power Point and Tracking
	Wind Generators
	Military Vehicles (MIL-STD-1275)
	Power Scavenging
	Universal DC Clips



Compatible Products:	Model#	NSN#	Part#
Batteries	MB-CWB-150-1-LIT	6140-01-622-5688	990713T
	MB-CWB-150-1-BLK	6140-01-622-5710	990804
	MB-CWB-150-1-CYB	6140-01-622-5711	990713
	MB-CWB-85-1-LIT	6140-01-622-5669	990797
	MB-CWB-85-1-BLK	6140-01-622-5704	TBD
	MB-CWB-85-1-CYB	6140-01-622-7858	TBD
Pouch	54987-MCM	8465-01-622-6319	330388