

MTC

Modular Tactical Charger Battery Chargers



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 and 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)
 - EMS/RFI/EMC Protection
- **Application Support**
 - Conformal Wear Battery (CWB)
 - Dual 5 V USB Charging Ports*
 - BB-2590/U*
 - Rifleman (PRC-154)*
 - MBITR (PRC-148)*
 - Harris (PRC-152)*

* Coming soon



Compatible Products

Batteries	MB-CWB-150-1-LIT / NSN: 6140-01-622-5688 MB-CWB-150-1-BLK / NSN: 6140-01-622-5710 MB-CWB-150-1-CYB / NSN: 6140-01-622-5711 MB-CWB-85-1-LIT / NSN: 6140-01-622-5669 MB-CWB-85-1-BLK / NSN: 6140-01-622-5704 MB-CWB-85-1-CYB / NSN: 6140-01-622-7858
Pouch	54987-MCM / NSN: 8465-01-622-6319

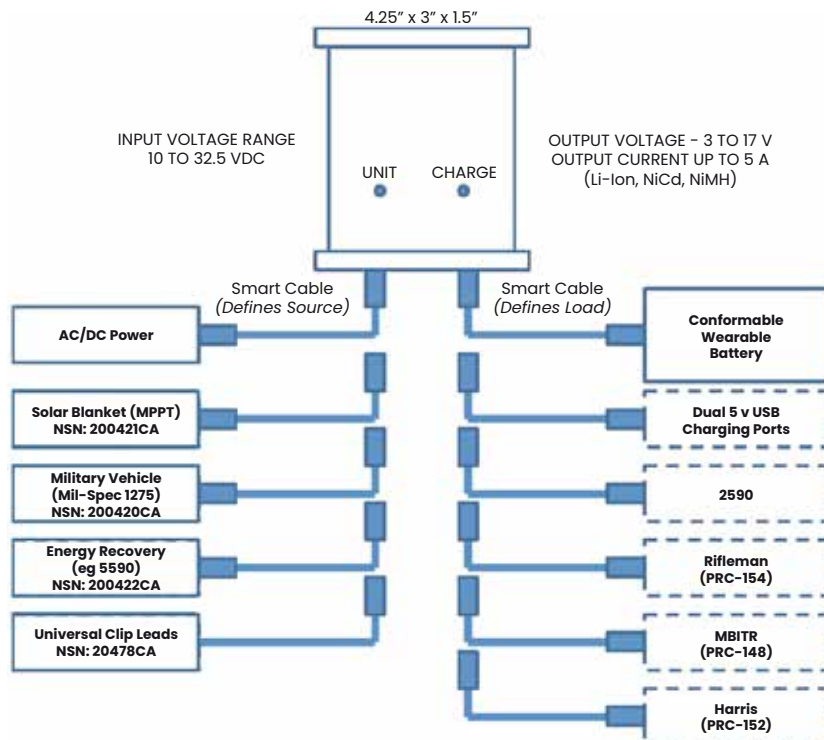
Weight and Dimensions

	Weight	Dimensions
Power Supply	567 g	268 x 71 x 52 mm
Charger	250 g	117 x 75 x 37 mm

Technical Specifications

Part Number	MC-MTC-1-CYB, CWB only MC-MTC-117G-CYB, 117G AC/DC only MC-MTC-3-CYB, full kit
AC-DC Input Voltage	90 V - 264 VAC (47 - 63 Hz)
Output Voltage	30.8 VDC
DC / DC Input Voltage	10 - 32.5 VDC
Wattage	130 W
MIL Specs	MIL-STD-810G, 461E, 1275
Exterior Housing	Aluminium and PC ABS
Operating Temperature	- 20°C to + 55°C
Storage Temperature	- 40°C to + 71°C
Charge Indicator	Status and Self-Diagnostic
Output Current (Max)	5 A
Communication	SMBus v1.1, level 2 smart charger
Colour	FED-STD-595, Coyote Brown
Chemistries	Li-Ion: CWB, BB-2590 and 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

Tactical Charger "Cut Sheet" Data Source



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All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier

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