

**BATTERY CHARGER, VEHICLE-MOUNTED CHARGER (VMC)**

	<p><b>TAMCN: H6002</b></p>
	<p><b>ID: 11100B</b></p>
	<p><b>NSN: 6130-01-527-2726</b></p>

**Functional Description**

The Vehicle-Mounted Charger (VMC), PP-8481B/U, is the replacement for the Charger-On-The-Move (COTM). The VMC is designed for mounting in a tactical vehicle and provides forward area charging capabilities. The VMC charges two batteries at a time and automatically moves to the next two batteries in queue. The VMC comes with two Universal Adapters (J-6520A/U). Additional adapters are available but must be ordered separately. To avoid draining the vehicle battery, the VMC has a low voltage cutoff, which will stop battery-charging operations when low voltage is detected from the vehicle battery.

**Technical Description**

**Battery Charger**

Manufacturer: Bren-Tronics  
 Model: PP-8481B/U  
 Input: 90-260 VAC or 22-28 VDC  
 Frequency (Hz): 47-420  
**Warranty** 4 Years from MFG date

**Dimensions**

Length (in): 27.0  
 Width (in): 8.0  
 Height (in): 14.0  
 Weight (lbs): 34.0  
 Volume (ft<sup>3</sup>): 1.7  
 Operating Temp: -4°F to +122°F  
 Storage Temp: -40°F to +158°F

**Adapter**

J-6520A/U

**Adapter NSN**

5940-01-493-8744

J-6581/U (BULK)

5940-01-494-7116

J-6583/U \*

5940-01-494-7118

J-6584/U

5940-01-494-7120

J-6585/U \*

5940-01-494-3002

J-6585/U \*

5940-01-494-4134

VMC-IISR

BTA-70862

**Battery**

BB-2590/U  
 BB-2588/U  
 BB-516A/U  
 BB-2847A/U  
 BB-2590/U  
 BB-2001A/U (CSEL)  
 BB-390/2590  
 BB-2557B/U  
 BB-2600A/U  
 FALCON (PRC-152)  
 BB-390/2590  
 MBITR (PRC-148)  
 BB-390/2590  
 IISR (PRC-153)

**Battery**

BB-390B/U  
 BB-2800/U  
 BB-326  
 MBITR (PRC-148)  
 BB-390B/U  
 BB-2800/U  
 BB-2847A/U  
 BB-557/U  
 BB-2800/U  
 BB-2847A/U  
 BB-2800/U  
 BB-2847A/U

**NOTES:** Requires periodic software upgrades as new adapters become available. The Universal Adapter J-6520A/U is not interchangeable with the COTM Universal Adapter J-6520/U. Heating effects caused by AC power operation may degrade battery charge acceptance. The VMC comes with both an AC (CX-13553) and DC (CX-13554) power cables.