

BATTERY CHARGER, VEHICLE-MOUNTED CHARGER (VMC)



TAMCN: H6002

ID: 11100B

NSN: 6130-01-527-2726

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 (ft³): 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.

BATTERY CHARGER, CHARGER-ON-THE-MOVE (COTM)



TAMCN: H6002

ID: 11100A

NSN: 6130-01-494-9164

Functional Description

The PP-8481A/U or Charger-On-The-Move (COTM) is designed for mounting in a tactical vehicle and provides forward area battery charging capabilities. The PP-8481A/U operates while the vehicle is moving or stationary and is programmed to automatically charge two batteries simultaneously and then auto sequence to the next batteries waiting to be charged. The PP-8481A/U comes with two Universal Adapters (J-6520/U). Additional battery adapters are available and ordered separately. To avoid draining the vehicle battery, the COTM 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-8481A/U

Dimensions

Length (in): 26.5
 Width (in): 8
 Height (in): 13
 Weight (lbs): 32
 Volume (ft³): 1.6

Power

Input:
 AC: 100 to 250
 DC: 22 to 28

Temperatures

Operating: +25°F to +104°F
 Storage: -40°F to +158°F

Warranty

4 years from MFG date

Adapter

J-6520/U

Adapter NSN

5940-01-467-5851

Battery

BB-2590/U
 BB-388/U
 BB-2847/U
 BB-2847/U

Battery

BB-390B/U
 BB-516A/U
 (Holds five BB-2847's)

A/C Cable: Comes with both an AC (CX-13553) and DC (CX-13554) power cable.
 Case Material & Color: Powder Coated Aluminum, Olive Drab #34088.

NOTES: This item was purchased by units and is not a program of record.