

VEHICLE MOUNTED BATTERY CHARGER (VMBC)



TAMCN: A0328

ID: 11843A

NSN: 6130-01-581-9480

Functional Description

The Vehicle Mounted Battery Charger (VMBC) has all of the battery charging capabilities of the PP-8481 B/U, but in a smaller volume. The VMBC is designed for mounting in a tactical vehicle and provides forward area charging capabilities. To avoid draining the vehicle battery, the VMBC has a low voltage cutoff, which will stop battery-charging operations when low voltage is detected from the vehicle battery.

Technical Description

Power Supply

Manufacturer: Bren-Tronics, Inc.
 Model: BTC-70870-1

Power

Input:
 DC: 22- 33

Frequency (Hz): 47-420

Dimensions

Length (in): 14
 Width (in): 16.2
 Height (in): 8.3
 Weight (lbs): 23
 Volume (ft³): 1.08

Temperatures

Operating: -20°C to +50°C
 -4°F to +122°F
 Storage: -40°C to +70°C
 -40°F to +158°F

Adapter

VMC-Universal	5940-01-493-8744
VMC-390 / 2590	5940-01-494-7116
VMC-CSEL	5940-01-494-7118
VMC-MBITR	5940-01-494-4134
VMC-557/2557/2600	5940-01-494-7120
VMC-FALCON	5940-01-494-3002
VMC-IISR	BTA-70862
VMC-AA	BTA-70873

Adapter NSN

Batteries

BB-390 /2590	BB-2847
BB-516A / 326	MBITR
BB-388 / 2588	BB-2800
BB-390 / 2590**	
CSEL*	BB-2800
BB-390 / 2590	BB-2847
MBITR*	BB-390 / 2590
BB-2800	BB-2847
BB-2600*	BB-557 / 2557
Falcon*	BB-2800
BB-390 /2590	BB-2847
IISR*	
AA cells (Nickel)	

NOTES: Requires periodic software upgrades as new adapters become available. Will not operate from AC power. Adapter plates are interchangeable with the PP-8484B/U VMC. Requires a unique software upgrade that "IS NOT" interchangeable with the VMC.