

MRC-187

Power Supply & Charger

Technical Datasheet

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Overview

The MRC-187 incorporates a state-of-the-art rechargeable Nickel Metal Hydride Battery (BB-390) to provide long life battery operation in addition to worldwide power applications for a number of transceivers presently fielded by the U.S. military:

- AN/PRC-117F Transceiver
- AN/PRC-138 Series Transceivers
- AN/PRC-150 Series Transceivers
- AN/PSC-5D MBMMR Transceiver
- AN/PSC-5 Series Transceivers

Features

- Wide range of AC and DC input voltages
- Can power amplified speakers or other 26.5 VDC applications
- AC and DC modules allow transceiver operation independent of recharge
- Recharges strings of battery cells independently

Technical Specifications

Part No.	MRC-187
Size H x W x D (inches)	3.27 x 10.6 x 6.25
Weight	4.6 lbs. (without battery)
AC Input Voltage	95-265 VAC 47-440 Hz
DC Input Voltage	9-36 VDC
DC Output Voltage	26.5 VDC at 5.5 amps 26.5 VDC at 7 amps (peak)
Operating Temperature	-30°C to +55°C
Storage Temperature	-50°C to +65°C
Operating Altitude	27,000 ft.
Storage Altitude	55,000 ft.
Humidity	95% relative
Cables Included	PCP-35 AC input cable PCP-40 DC input cable
Cables Optional	PCP-55 auto adapter DC power cable PCP-235 NATO input cable PCP-257V DC input cable