

MRC-99 -01 and -02

Power Supply & Charger

Technical Datasheet

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Technical Specifications

Part No.	MRC-99-01 (uses an MRC-490(V1) SLA battery) MRC-99-02 (uses a commercial SLA battery)
Size H x W x D (inches)	3.27 x 10.6 x 6.25
Weight	3.75 lbs. (without battery)
AC Input	95-265 VAC 47-440 Hz
DC Input	9-36 VDC
DC Output	26.5 VDC at 5.5 amps 26.5 VDC at 7 amps (peak)
Battery Type	UBI-2590, BB-2590 Sealed Lead-Acid
Operating Temperature	-30°C to +60°C
Storage Temperature	-50°C to +65°C
Operating Altitude	27,000 ft.
Storage Altitude	55,000 ft.
Humidity	95% relative
Immersion	10 ft.
Cables Included	PCP-35 AC input cable PCP-40 DC input cable
Cables Optional	PCP-55/65 Auto - DC w/ banana plugs PCP-235 NATO input cable

Overview

MRC-99 series interoperable power supplies and chargers connect directly to the following radios:

- AN/PSC-5 Series
- AN/PRC-117F
- AN/PRC-150 Transceiver
- AN/PRC-138 Series Transceivers
- AN/URC-200 Series Transceivers

The MRC-99-01 uses an MRC-490(V1) sealed lead-acid battery. The MRC-99-02 uses a commercially available sealed lead-acid battery.

Features

- Wide range of AC and DC input voltages
- Auxilliary 26.5 VDC output
- AC and DC modules allow transceiver operation independent of recharge