

MRC-UPU0003, 4 or 5

Power Supply for AN/PRC-117G

Technical Datasheet

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Overview

This Uninterruptible Power Supply was designed specifically for the AN/PRC-117G radio.

Virtually any AC or DC power source is compatible with this power supply making it an ideal solution for providing uninterrupted power, anywhere. When used with the AN/PRC-117G at an 8:1:1 duty cycle, the unit provides greater than 3 hours run time. Like all Ultralife power supplies, this is 85-250VAC/47-440 Hz ready, and has the ability to be powered from virtually any DC input source likely to be encountered in military and/or commercial vehicles. Each is MIL-STD-461E for EMI compliance and MIL-STD-810 compliant.

Features

- Wide range of input voltages
- Self-contained operation
- Recharges while operating
- Optional vehicle mount available
- Simple arm/disarm toggle switch
- Lightweight - 5 lbs. w/ battery

Technical Specifications

Part No.	MRC-UPU0003, MRC-UPU0004 or MRC-UPU0005 (see Finishes Available)
Size H x W x D (inches)	3.9 x 7.1 x 5.75
Weight	5 lbs. including battery
AC Input	85-250 VAC 47-440 Hz
DC Input	10-36 VDC MIL-STD-1275
Output Voltage (Internal Battery)	24-33 VDC Lithium Ion
Transceiver Power	3 amp continuous 4 amp peak
Aux Power Output	26.5 VDC @ 1 amp continuous
Operating Temperature	-31°C to +60°C
Storage Temperature	-40°C to +71°C
Operating Altitude	15,000 ft.
Storage Altitude	40,000 ft.
Immersion	MIL-STD-810G
Humidity	95% relative
LED Indicators	AC/DC/Battery Power
Battery Charge	6 hours
Safety	Auto-reset, over-current protection
Cables Included	PCP-35 AC input cable PCP-65 DC input cable
Finishes Available	Black (MRC-UPU0003) Olive (MRC-UPU0004) Sand (MRC-UPU0005)
Optional Accessories	Contact us