

## MRC-UPU0003 Power Supply for AN/PRC-117G



### Overview

The MRC-UPU0003 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, the MRC-UPU0003 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 - 5lbs. w/battery**



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### MRC-UPU0003 Technical Specifications

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



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