

## MRC-UPU0006 Series AN/PRC-117G Power Supply



### Overview

The MRC-UPU0006 series uninterruptible power supplies are designed specifically for the AN/PRC-117G radio. The MRC-UPU0006 features threaded standoffs on the bottom face of the unit. The power supply is also available without the standoffs (model MRC-UPU0006-01). The MRC-UPU0006 series feature simple arm/disarm toggle switches that removes the load from the internal battery when in the “disarm” position.

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 series 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 DC input voltages**
- ▶ **Rear mounted connectors**
- ▶ **Available with threaded standoffs**
- ▶ **Simple Arm/Disarm toggle key**
- ▶ **Self contained operation**



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### MRC-UPU0006 Series Technical Specifications

<b>Part No.</b>	MRC-UPU0006 (w/threaded standoffs) MRC-UPU0006-1
<b>Size (H x W x D - inches)</b>	3.91 x 7.1 x 5.75
<b>Weight</b>	5 lbs. nominal (including battery)
<b>AC Input</b>	85-250 VAC 47-440 Hz
<b>DC Input Voltage</b>	10-36 VDC
<b>DC Output</b>	26 VDC +/- 1V
<b>Output Voltage of Internal Battery</b>	24-33 VDC (Lithium Ion)
<b>Transceiver Power</b>	3A continuous / 4A peak
<b>Aux Power Output</b>	26.5 VDC @ 1A continuous
<b>Duty Cycle</b>	8.1:1 - 3 hrs +
<b>Operating Temperature</b>	AC/DC: -30° to +60° C Battery (Charging): 0° to +45° C Battery (Discharging): -20° 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 charge time
<b>Safety</b>	Auto reset over-current protection
<b>Cables Included</b>	PCP-35 AC input PCP-65 DC input
<b>Cables Optional</b>	PCP-55 Auto - DC automobile adapter PCP-40 DC input MRC-143A-07-02 NATO input
<b>Accessories Optional</b>	MRC-67A amplified speaker
<b>Color/Part No.</b>	MRC-UPU0006 (w/threaded standoffs) MRC-UPU0006-1



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