

## MRC-UPU0003

Transceiver Power Supply, AC/DC, Small Form Factor  
**Power Supplies and UPS**



### 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 85-250 VAC / 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 - 2.3 kg. with battery



AN/PRC-117G sold separately

## Technical Specifications

<b>Size</b>	Height 99.3 mm Width 180.3 mm Length 146.1 mm
<b>Weight</b>	2.3 kg (including battery)
<b>AC Input Voltage</b>	85 - 250 V AC 47 - 440 Hz
<b>DC Input Voltage</b>	10 - 36 V DC, MIL-STD-1275
<b>Output Voltage (Internal Battery)</b>	24 - 33 V DC Lithium-Ion
<b>Transceiver Power</b>	3 A continuous, 4 A peak
<b>Auxiliary Power Output</b>	26.5 V DC @ 1 A continuous
<b>Operating Temperature</b>	- 30°C to + 60°C
<b>Storage Temperature</b>	- 40°C to + 71°C
<b>Operating Altitude</b>	4.6 km
<b>Storage Altitude</b>	12.2 km
<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>	Automatic reset over-current protection
<b>Cables Included</b>	PCP-35 AC Input Cord PCP-65 DC Input Cord
<b>Finishes Available</b>	Black (MRC-UPU0003) Olive (MRC-UPU0004) Sand (MRC-UPU0005)

September 2018

All specifications are subject to change without notice  
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