

# MRC-93

## Ultimate Battery Eliminator

### Technical Datasheet

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### Overview

Connecting directly to the transceiver, the MRC-93 replaces the battery box. In the event of loss of AC or DC input power, the unit has the capability to use any available communications batteries currently in the military inventory.

### Features

- Wide range of AC and DC input voltages
- Allows for operation from virtually any AC or DC power source
- Developed for transceivers requiring greater than 5 amps output
- External 26.5 VDC output for amplified speakers and other applications

| Technical Specifications |                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part No.                 | MRC-93                                                                                                                                                          |
| NSN                      | 6130-01-520-8178                                                                                                                                                |
| AC Input                 | 95-270 VAC 47-440 Hz                                                                                                                                            |
| DC Input                 | 9-36 VDC                                                                                                                                                        |
| DC Output                | 26.5 VDC at 5.5 amps<br>26.5 VDC at 7 amps (peak)                                                                                                               |
| Size H x W x D (inches)  | 3.27 x 10.6 x 6.25                                                                                                                                              |
| Weight                   | 3.75 lbs. (without battery)                                                                                                                                     |
| Operating Temperature    | -50°C to +55°C                                                                                                                                                  |
| Storage Temperature      | -50°C to +65°C                                                                                                                                                  |
| Operating Altitude       | 27,000 ft.                                                                                                                                                      |
| Storage Altitude         | 55,000 ft.                                                                                                                                                      |
| Immersion                | 10 ft.                                                                                                                                                          |
| Humidity                 | 95% relative                                                                                                                                                    |
| Battery Types            | UBI-2590, BB-2590, BB-390, BB-490, BB-590, BB-690, BA-5390, BA-5590                                                                                             |
| Optional Battery         | BA-5390 Lithium Manganese Dioxide<br>BA-5590 Lithium/Sulfur Dioxide<br>UBI-2590 Lithium Ion<br>BB-2590 Lithium Ion<br>BB-390 NIMH<br>BB-490 SLA<br>BB-390 NICAD |
| Cables Included          | PCP-35 AC input cord<br>PCP-65 DC input cord                                                                                                                    |
| Cables Optional          | PCP-55 Auto-DC w/ banana plugs<br>PCP-40 DC input cord<br>PCP-235 NATO input cable                                                                              |