

## MODEL: R5K 36V POWER SUPPLY WITH BATTERY BACKUP



R5KMPR36

### FEATURES

- Provides 36V DC power for the Main System Controller, VoIP Nurse Console, 8-port Ethernet Switch, and optional Responder Network Concentrator.
- Output rated at 2.4 A
- Includes built-in battery backup with On/Off charging switch
- Auto-sensing input voltage range
- LEDs indicate status
- Mounts in NC2828 or 351102 Equipment Cabinets
- Power On/Off switch for ease of installation and service

### SPECIFICATIONS

**Power Required:** 106-240V AC, 47-63HZ, 1.97 A

**Weight:** 1.9 kg (4.3 lbs)

**Size:** W: 10.9 cm (4.3")  
 H: 29.0 cm (11.4")  
 D: 6.4 cm (2.5")

**Housing & Finish:** Black metal enclosure w/ white nomenclature

**Controls/Indicators:**

One (1) AC On/Off switch; On/Off charging switch;  
 One (1) AC status LED; One (1) DC status LED; One (1) Battery Charge LED; One (1) Battery Reversed LED

**Environmental Parameters:** 32°F (0°C) to 122°F (50°C)

**Relative Humidity:** 5 to 95%

**Power Output:** 36.5V @ 2.4A total

**Terminations:** Three (3) pairs of power screw terminals  
 One (1) AC OK signal terminal; One (1) Earth GND terminal  
 One (1) IEC Universal receptacle; One (1) pair fasten 187 clips for battery leads

**Mounting Requirements:** Rauland 351102 Wall Mounting Cabinet or NC2828 Terminal Cabinet

**Certifications:** Designed for compliance to ANSI/UL 1069, IEC 60950, CE, RoHS / WEEE Compliant. Assembled in a U.S. FDA Registered facility.

### DESCRIPTION

The R5KMPR36 Power Supply provides 36V DC power for the Main System Controller, VoIP Nurse Console, 8-port Ethernet Switch, and optional Responder Network Concentrator. The input is auto-sensing and operates from 106-240V AC. The power supply contains multi-colour LEDs to indicate its operational status for quick visual identification.

An input power switch enables quick disconnection from the AC power input. A sealed battery allows the power supply to continue operation if the input power is interrupted with a hold-up time of 3 minutes (min) at a typical load; the actual hold-up time is dependent on the load.

The R5KMPR36 mounts in either the NC2828 or 351102 equipment cabinets. It is painted black to distinguish it from the Responder 5000 15V Power Supply (R5KMPR15).



**Rauland**  
 A Division of AMETEK, Inc.  
[www.Rauland.com](http://www.Rauland.com)

Toll Free +1 800 752 7725  
 From Outside the U.S. +1 847 590 7100

*Architect and Engineer (A&E) Specifications available online at [customerconnection.rauland.com](http://customerconnection.rauland.com)  
 Specifications subject to change without notice.*