

RM-115 & RM-120  
*POWER MONITOR AND CONDITIONER*



*OWNERS MANUAL*

Available from:  
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## CONGRATULATIONS

You have purchased a high performance power monitoring and conditioning solution. The Emerson Networks Power RM-115 and RM-120 are rack mountable power monitoring modules that also provide 40,000 amps of surge protection and up to 60db of AC line noise filtration.

## FEATURES SUMMARY

RM-115 AND RM-120:

- \* Power Monitor with display
- \* Alarm feature if amperage is exceeded
- \* Surge protection to 40,000 amps
- \* A/C line noise filtration to 60db
- \* An all steel chassis
- \* Twelve 120 volt power outputs

## SAFETY PRECAUTIONS

The RM-115 and RM-120 are designed to operate with 120VAC, 60 Hz. Operation with 220 or 240 volts will damage the unit and possibly cause personal injury.

## CAUTIONS

1. The RM-115 and RM-120 must be grounded to operate. Defeating the unit's grounding capability could create a hazard.
2. There are no user serviceable parts inside the RM-115 or RM-120. Do not attempt service yourself. Contact Juice Goose as directed in this manual if service is required.
3. Do not expose the RM-115 or RM-120 to moisture. Avoid severe physical impacts to the unit.

## DISCLAIMER

Juice Goose shall under no circumstances be held responsible for any loss, damage or injury resulting from the use of the RM-115 or RM-120 in a manner inconsistent with any of the procedures outlined in this document. The user is responsible for determining whether this product is appropriate for the intended application.

Juice Goose is not responsible for any indirect, secondary or ancillary loss or damage, including personal injury, loss of or damage to property or loss of income resulting from the operation or failure of this unit.

## RM-115 and RM-120 SPECIFICATIONS

DIMENSIONS (INCHES)	1.75 x 19.00 x 3.8
WEIGHT (LBS)	5
POWER INPUT	120 VAC, 60Hz
POWER OUTLETS	12 SINGLE NEMA 5-15R (RM-115) 12 SINGLE NEMA 5-20R (RM-120)
CURRENT CAPACITY	15 AMPS (RM -115) 20 AMPS (RM -120)
POWER CORD	15 FT, 14/3 (RM-115) 15 FT, 12/3 (RM-120)
PEAK SURGE CURRENT	40kA (20kA PER MODE)
RESPONSE TIME	<5ns
SURGE PROTECTION	THERMAL PROTECTED MOVs
LED STATUS INDICATION	POWER, GROUND, SURGE PROTECTION
METER READING	VOLTS, AMPS, WATTS, VA, Hz, PF, KWH, ELAPSED TIME
WARRANTY	1 YEAR

## FRONT PANEL

**Power On/Off Switch** – This rocker switch is located on the right hand side of the chassis. The switch is equipped with a guard to prevent accidental operation.

**Power Monitor Display**– An LCD display with 2 function buttons (see below for operation)

**AC Outlets** – 2 NEMA 5-15R (RM-115) OR 2 NEMA 5-20R (RM-120)

**Indicator Lights** – Green LEDs indication Power, Ground and Surge protection

## REAR PANEL

**AC Outlets** – 10 outlets (NEMA 5-15R) are rated for current loads up to 15 amps at 120 volts on the RM-115 and 10 outlets (NEMA 5-20R) are rated for current loads up to 20 amps at 120 volts on the RM-120

## FRONT LCD MONITOR OPERATION

The top button on the RM series LCD Monitor will cycle through the different display options when pressed.

The lower button on the RM series LCD monitor will set a visual alarm that will flash the display if the set value amperage is exceeded.

To set the alarm, press and hold the lower button for 3-5 seconds, this will switch the monitor into 'set mode'. You can then press the top button to switch between 15a or 30a, hit the bottom button twice to save the value.

Alternatively you can set the Amp alarm from 1a to 15a. To do this press and hold the bottom button for 5 seconds, press a second time once it is in 'set mode'. Set the value from 1a to 15a by pressing the top button until the desired value is shown, finally press the bottom button twice to save the setting.

### TROUBLESHOOTING

The RM series products are ruggedly designed and constructed from high quality components to give years of dependable power for your equipment. They require neither maintenance nor adjustment and are unlikely to malfunction.

### REPAIR

Should your RM Series unit need service contact Juice Goose for assistance obtaining a return authorization from Emerson Network Power. PLEASE NOTE: a return authorization number is required in order for the service personnel to correctly and promptly identify, repair and return your unit.

You may obtain a Return Authorization Number by calling: 713-772-1404 or sending email to [info@juicegoose.com](mailto:info@juicegoose.com).

## OTHER HIGH QUALITY PRODUCTS FROM



**JG SERIES** – Rack mountable power distribution in a 19” configuration. Six models to choose from. Feature options include rack lighting and voltage meter. The JG11-20A has a 20 amp capacity, 2 unswitched outlets and a 15 foot power cord. All units contain a basic level of power conditioning.

**PD SERIES** – Custom configured power strips with up to 12 circuits per unit. The PD1A, PD1B and PD3 offer various options regarding size, number and arrangement of circuits, length and location of wire harness and mounting configuration. Select exact configuration with a features menu.

**CQ SERIES** – Power sequencing and remote control products. No master controller is required. Very flexible, economical and easy to install. Models include rack mount, four circuit and 30 amp designs. Optional remote controls include key or rotary switch and secure 12 position keypad.

**RX SERIES** – High voltage surge protection and high frequency line filtration, performance near that of an isolation transformer, but at a fraction of the cost and size. Great normal mode and common mode line noise elimination. Individual products include the, RX15-DPC, RX10-SCS and RP100-RX.

**UPS MODELS** – When protection against power outage is needed, Juice Goose is a valuable resource. Juice Goose has manufactured and supplied power conditioning and distribution products since 1983. We are a distributor for a broad line of battery back-up systems from Xtreme Power Conversion Products. Call Juice Goose to discuss the best technology, size and configuration for a particular application.