

# RM4-400 Series Rectifier Magazine



The **Eaton® RM4-400 rectifier magazine** is a versatile and compact 1U high, 23-inch module that is designed to UL specifications. It can accommodate both the Enterprise and Access series of Eaton 3G and Energy Saver (ES) rectifiers and can be fitted with up to four rectifiers or three rectifiers and a system controller.

It has an output capacity of up to 200A (actual output is dependent on the rectifier model), however the front-to-back airflow allows two RM4 magazines to be stacked for higher capacity solutions.

The DC output is via a field wiring termination box to provide an easily accessed connection (take-off) point for flexible cables.

AC supply is via two flexible cords (one cord per two rectifier positions) and is suitable for both single-phase and two-phase AC supply applications.

The RM4-400 series is suitable for both enclosed cabinet and open frame relay-rack mounting. The mounting brackets can be moved along the chassis to provide a wide range of mounting position options.

The RM4-400 series is an ideal solution to supply front end 48V power to customer equipment or as a building block for integrated systems in custom applications.

## Features

- 48V or 24V
- 23" relay-rack or cabinet mounting
- Compact 1U height, 200A output
- Suitable for Enterprise and Access 3G and Energy Saver (ES) power rectifiers
- Fast on-line expansion of rectifiers (hot-swap)
- Single or two-phase AC input
- Compliance with international standards



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# Technical Specifications

## Input

AC Supply	1Ø or 2Ø two flexible cords (2 rectifiers per cord)
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## Output

DC Output	48V: Up to 166A (dependant upon rectifiers fitted) 24V: Up to 200A Internal interconnecting bus bars with flexible cable take-off (field wireable)
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## Mechanical

Dimensions H,W,D	1U, 23" mounting, 436mm [17.2inch]*  <i>* Additional clear space is required for exhaust air</i>
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Weight	4.1kg [9lb]
Rectifier Configurations	4 x EPR48-3G / APR48-3G / APR24-3G / APR48-ES or 3 x EPR48-3G / APR48-3G / APR24-3G / APR48-ES plus system controller (SC300)

## Options

Rectifier Blank Panels	RM3B-A01
System Controllers	SC300

## Certifications

All products comply with international standards.	
North America	UL, FCC Verification, CSA, IC
Europe	CE
Australia /New Zealand	C-tick, Telepermit

In the interests of continual product improvement all specifications are subject to change without notice.

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