

# RM3-400 Series Rectifier Magazine



The **Eaton® RM3-400 rectifier magazine** is a versatile and compact 1U high, 19-inch module designed to UL specifications. Its can accommodate both the Enterprise and Access series of Eaton 3G and Energy Saver (ES) rectifiers and can be configured for up to 3 rectifiers or, 2 rectifiers and a system controller.

It has an output capacity of up to 150A (actual output is dependent on the rectifier model) however, the front-to-back airflow allows two RM3 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.

Independent AC supply to each rectifier position is via either plug & cord sets or IEC plugs where country and voltage specific sets are available upon request.

The RM3-400 series is suitable for both cabinet and relay rack mounting. The mounting brackets can be moved along the chassis to provide a wide range of mounting position options.

The RM3-400 series is an ideal solution to supply front end power to customer equipment or as a building block for integrated systems in custom applications.

## Features

- 48V or 24V
- 19-inch relay rack or cabinet mounting
- Compact 1U height, 150A output
- Suitable for Enterprise and Access 3G power rectifiers including the Energy Saver Rectifier
- Independent AC input to each rectifier
- Compliance with international standards



*Powering Business Worldwide*



# Technical Specifications

## Input

AC Supply	1Ø or 2Ø via individual cord sets
-----------	-----------------------------------

## Output

DC Output	24V: up to 150A 48V: up to 125A (dependent on rectifiers fitted) Interconnecting busbars with flexible cable take-off (field wireable).
-----------	---

## Mechanical

Dimensions H,W,D	Standard: 1U, 19", 335mm [13.2"]*  * Additional clear space is required for exhaust air.
------------------	--

Weight	3.9kg [8.6lb] including AC cable sets.
--------	--

Rectifier Configurations	3 x EPR48-3G / APR48-3G / APR24-3G / APR48-ES 2 x EPR48-3G / APR48-3G / APR24-3G / APR48-ES plus system controller
--------------------------	---

Options	Rectifier cover for unused rectifier positions (RM3B-A01) AC cord sets - country/voltage specific 23" mounting brackets
---------	---

Versions	RM3-400 series (3 rectifiers, no system controller) RM3-410 series (2 rectifiers, SC300 system controller) RM3-420 series (2 rectifiers, SC300 system controller)
----------	---

## Certifications

All products comply with international standards. Contact your local Eaton DC representative for details on the specific product versions available with these safety and EMC approvals:

Europe	CE
North America	UL (recognized)

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

Email: [dc.info@eaton.com](mailto:dc.info@eaton.com)  
[www.eaton.com/dcpowersolutions](http://www.eaton.com/dcpowersolutions)