

# RM6 and RM7 Magazines



## Features

- 48V
- 19" (RM6) and wide-aperture (RM7) sub-rack
- Compact 3U height
- Configurable AC input, 3Ø, 2Ø, or 1Ø
- Independent AC input to each rectifier (optional)
- Compliance with international standards
- Compatible with Eaton's Network Energy Saver (ES) Rectifier

## 48V secure DC power up to 21kW.

The **Eaton® RM6 and RM7 Rectifier Magazines** are versatile, compact 3U high, rack mountable modules. The RM6 has an output capacity of up to 360A, while the wider RM7 can provide up to 420Amps.

Both magazines are designed to accommodate the 48V Network Energy Saver (ES) power rectifier. The RM6 may be fitted with up to six rectifiers and a system controller, while the RM7 can accommodate up to seven rectifiers.

The front-to-back airflow allows multiple RM6 and RM7 magazines to be stacked for high capacity solutions.

There is provision for an independent AC supply to each rectifier position (QC tabs), and AC cord sets are available on request. AC input to the magazine can be configured for 1Ø, 2Ø or 3Ø operation.

On the output there are interconnecting busbars with flexible cable take-offs.



# Technical Specifications

## Input

AC Supply	1 $\emptyset$ , 2 $\emptyset$ or 3 $\emptyset$	
DC Output	48V	
Maximum	RM6-00: 18kW, 360A RM7-01: 21kW, 420A	
Dimensions H,W,D	RM6-00: 3U, 19" mounting, 319.6mm [12.6"]* RM7-01: 3U, 457mm wide mount†, 318mm [12.5"]*  * Additional clear space is required for exhaust air.	
Weight	5.5kg [12.1lb] excluding AC and DC cable sets.	
Rectifier Configuration	RM6-00: 6 x NPR48-ES plus SC300, SC200 or SC100 system controller RM7-01: 7 x NPR48-ES	
Options	Independent AC supply to each rectifier position (QC tabs).  AC cord sets. DC cable sets.	
Versions	RM6-00 RM7-01	
Blank Panels	RMB1.5U-00	For unused rectifier positions
	RMB-09	For unused controller position in RM6-00 magazine

† Note that the RM7-01 has an alternative mounting arrangement, requiring fixings through the side of the mounting brackets. For details please contact your usual Eaton contact.

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



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