

860W 48V Rectifier

THE POWER BEHIND THE ENERGYHUB



POWER OUTPUTS

MAX OUTPUT 860W

DC OUT 48V

KEY FEATURES

- High Efficiency energy saving
- Universal AC input with metering
- Forced-air cooled
- Thermally protected
- Power factor corrected
- Input/output voltage and current protected



If power density, efficiency and reliability are required, the RM848HE rectifier is just right for the job.

The building block of the microCOMPACT series, this modular rack-mounted rectifier boasts integrated AC metering, a robust universal AC input, high efficiency and a quality high power DC output. And it's fully backwards compatible, making the expansion or updating of installed microCOMPACTs completely seamless.

But it's tough too. Built to exacting New Zealand manufacturing and process integrity standards, the RM848HE maximises reliability based on a proven conversion topology that uses only the highest specification components. Designed to meet the energy demands of ICT applications and growing telecommunications networks, where it can offer unrivalled power densities and flexibility, it's been built to last.

This rectifier allows for the mounting of up to three power modules, a smart controller and DC distribution all in a 1RU x 19" front connect system supporting ETSI 300 deep enclosures, while its 'plug and play' design means installation and performance are unsurpassed.

860W 48V Rectifier

THE POWER BEHIND THE ENERGYHUB



POWER OUTPUTS

MAX OUTPUT 860W

DC OUT 48V



Specifications

AC INPUT RATINGS

MODE:	110V	230V
NOMINAL VOLTAGE:	110V AC	230V AC
INPUT VOLTAGE RANGE:	85-175V AC (reduced power below 100V AC)	85-300V AC (reduced power below 175V AC)
POWER FACTOR:	>0.99	
PEAK EFFICIENCY:	>93.0%	>95.0%

DC OUTPUT RATINGS

NOMINAL VOLTAGE:	48V	
VOLTAGE RANGE:	43-60V	
MAXIMUM OUTPUT CURRENT:	12.5A	17.9A
POWER RATING:	600W	860W

ENVIRONMENTAL REQUIREMENTS

AMBIENT TEMPERATURE:	-20°C to 75°C [-4°F to 167°F] (maximum output power is derated above 45°C [113°F])
----------------------	--

MECHANICAL

DIMENSIONS:	W: 55.0 mm [2.17 in]
	H: 44.45 mm [1.75 in] (1U)
	D: 260.0 mm [10.24 in] overall (rack depth 245.0 mm [9.65 in])
WEIGHT:	635 g [1.4 lb]
COOLING:	Forced-air cooled (front to back airflow)

COMPLIANCES

SAFETY:	EN 62368-1
IMMUNITY:	CISPR24
EMISSIONS:	CISPR32
AC HARMONICS:	EN 61000-3-2
AC FLICKER AND FLUCTUATION:	EN 61000-3-3
OTHER:	CE & RoHS Compliant

Due to product development, specifications are subject to change without prior notice. Pictures may be representative: actual products may differ.