



3kW 110V Rectifier RM30110

Resilient Modularity

3.0kW
MAX **110V**
OUT

Efficient and reliable, these rack-mount rectifiers allow for easy paralleling of modules to provide redundancy or higher power outputs. They represent decades of design, development and manufacture experience, culminating into the ideal battery charging solution for industrial applications including utility protection and control equipment.

A multitude of mounting options enables custom and configurable systems tailored to individual customer requirements. Its 'plug and play' allows quick and easy installation and system expansion as necessary.

Modules are New Zealand-made to guarantee design, manufacture and process integrity. They offer unrivalled power density and reliability benefits with a robust proven conversion topology that utilizes only highest specification components.

KEY FEATURES

- Forced-air cooled
- Thermally protected
- Power factor corrected
- Input/output voltage and current protected
- Serial alarm and control interface
- Microprocessor controlled



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Specifications

AC INPUT

Nominal Input Voltage:	230V AC
Input Voltage Range:	90–300V AC (reduced power below 175V AC)
Power Factor:	>0.99
Peak Efficiency:	>92.0%

DC OUTPUT

Nominal Output Voltage:	110V DC
Output Voltage Range:	80–155V DC
Maximum Output Current:	27.3A
Maximum Output Power:	3.0kW

ENVIRONMENTAL REQUIREMENTS

Ambient Temperature:	-20°C to +70°C (maximum output power is derated above 55°C)
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MECHANICAL

Dimensions (W, H, D):	220.0mm, 44.45mm (1U), 305.0mm (rack depth 283.0mm)
Weight:	2.8kg
Cooling:	Forced-air cooled (front to back airflow)

COMPLIANCES

Safety:	EN60950
Immunity:	CISPR24
Emissions:	CISPR22
AC Harmonics:	EN61000-3-2
AC Flicker and Fluctuation:	EN61000-3-3
Other:	CE & RoHS compliant



Contact Enatel for datasheets and characterization details. Due to product development, specifications are subject to change without prior notice. Pictures may be representative: actual products may differ.

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