



Telecommunications



Data centers



Industries



Renewable

3KW 110V RECTIFIER RM30110

RECENARM30110

enATEL
energy



DESCRIPTION

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%
AC 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)
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

Latpower reserves the right to change product specifications and design without notice.

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