



Telecommunications



Data Centers



Industries



Renewable

RM1524HE RECTIFIER

RECENARM1524HE

enATEL
energy



DESCRIPTION

With an efficiency >94%, the RM1524HE high-efficiency rectifier module provides considerable energy savings and ROI benefits.

Designed for use in modern telecommunications networks, the RM1524HE offers unrivalled reliability and power density that maximizes the effective use of rack space.

These COMPACT Series rectifiers can be configured horizontally or vertically to provide up to 6.0kW in a 1RU 19" shelf or, alternatively, 18.0kW in a 3RU shelf. Our expansive portfolio of COMPACT systems provides a wide variety of power, voltage and distribution configurations. This ensures solutions are highly flexible, so they can be tailored to any communications and industrial applications.

Modules are New Zealand-made to guarantee design, manufacture and process integrity. Our robust, proven conversion topology utilizes only the highest specification components.

KEY FEATURES

- High-efficiency conversion reduces heat and energy losses by over 50%
- 'Hot plug/swap' modular architecture for quick and easy system integration/expansion
- Forced-air cooled by a temperature controlled, high-reliability, monitored fan

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SPECIFICATIONS

AC INPUT RATINGS	
Nominal Voltage	230V AC
Voltage Range	85-300V (190-275V AC non-derating output power)
Power Factor	85-300V (190-275V AC non-derating output power)
Peak Efficiency	94.5%
DC OUTPUT RATINGS	
Nominal Voltage	24V DC
Voltage Range	21-30V DC
Maximum Output Current	60.0A
Power Rating	1.5kW
ENVIRONMENTAL REQUIREMENTS	
Ambient Temperature	-20oC to 70oC [-4oF to 158oF] (maximum output power is derated above 50oC [122oF])w
MECHANICAL	
Dimensions	W: 111.5 mm [4.39 in] H: 44.0 mm [1.73 in] (1U) D: 282.0 mm [11.1 in] overall (rack depth 260.0 mm [10.24 in])
Weight	1.50 kg [3.31 lb]
Cooling	Forced-air cooled (front to back airflow)
COMPLIANCES (Pending)	
Safety	EN 60950-1
Immunity	CISPR24
Emissions	CISPR22
Ac Harmonics	EN 61000-3-2
Ac Flicker	EN 61000-3-3
Other	CE & RoHS Compliant