



RW Series Wall-Mount Rectifier

Convection-Cooled

0.7kW
MAX

12V
OUT

24V
OUT

48V
OUT

These highly efficient rectifiers offer a range of output voltages and power levels.

Compact and easy to install, the RW Series of robust, reliable rectifiers are convection-cooled and available with temperature compensation, internal low voltage disconnect (LVD) and alarm card with relay outputs.

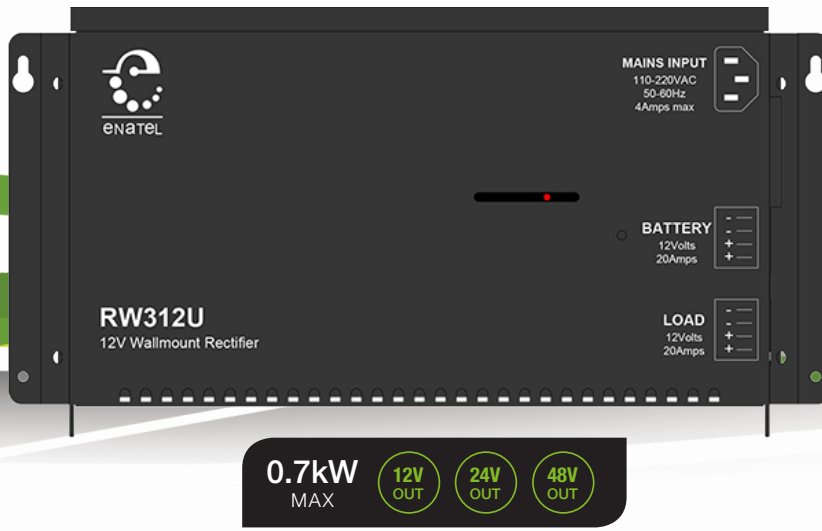
They can be used as standalone power sources or can be operated in parallel to provide redundancy or higher output ratings.

Choose from a range of internal options including load disconnect, current indicators, alarm and control interface and auto float/boost. Custom configurations can be specified and additional features can be added.

New Zealand-made to guarantee design, manufacture and process integrity, our robust proven conversion topology utilizes only the highest specification components, ensuring unparalleled reliability benefits.

KEY FEATURES

- Convection-cooled
- Thermally protected
- Power factor corrected
- Input/output voltage and current protected
- Automatic float/boost charge cycle
- Alarm and control interface with active load sharing
- Temperature compensation
- Output current indicator
- Built-in low voltage disconnect
- Internal alarm card with relay outputs



Specifications

AC INPUT	RW748U	RW624U	RW512U	RW348U	RW324U	RW312U
Nominal Output Voltage:	110–220V AC, 50/60Hz					
Input Voltage Range:	90–275V AC (reduced power below 100V AC)					
Power Factor:	>0.99					
Peak Efficiency:	88%	87%	85%	88%	87%	85%
Maximum Input Current:	8.5A	8.5A	8.5A	4.0A	4.0A	4.0A
DC OUTPUT						
Nominal Output Voltage:	48V DC	24V DC	12V DC	48V DC	24V DC	12V DC
Output Voltage Range:	45–60V DC	22–30V DC	11.5–15V DC	45–60V DC	22–30V DC	11.5–15V DC
Maximum Output Current:	12.0A	22.0A	35.0A	6.0A	10.0	20.0A
Maximum Output Power:	700W	600W	500W	300W	300W	300W
ENVIRONMENTAL REQUIREMENTS						
Ambient Temperature:	-10°C to +50°C					
MECHANICAL						
Dimensions (W, H, D):	311.0mm, 163.0mm, 62.0mm					
Weight:	1.50kg					
Cooling:	Natural convection					
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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