Intergy R524 Series

The Intergy R524 Series rectifier module is suitable for any 24V low power telecommunications equipment such as customer premises equipment, road-side cabinets and other subscriber network installations.

The combination of leading high frequency tech-nology with improved thermal design makes a flexible, efficient, and reliable DC power source. Optimum performance is available at typical load currents for minimized running costs. The Intergy R524 Series rectifier is rated up to 90% efficient.

These rectifiers are designed to operate with the Intergy SM30 Supervisory Module, or they will operate in a stand-alone mode.

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Intergy R524 Series

▶ Brief Technical Specifications

For complete product specifications contact your local Intergy representative

AC Supply	110/240V, 50/60Hz (nominal)
Power Factor	>0.99 (50 - 100% Output Current)
Efficiency	230V AC input: >89% (50 - 100% Output Current) 120V AC input: >88% (50 - 100% Output Current)
DC Output Voltage Range	24V: 22.5 - 30V
DC Output (Maximum)	480W, 20A @ 24V (240V AC input)
Operating Temperature Range	-25°C – +70°C [-13°F – +158°F] (Output current is derated above 50°C [122°F])
Cooling	Convection cooling
Dimensions H, W, D	3U: 133mm [5.25"], 16E: 81mm [3.2"], 250mm [9.8"] overall
Weight	1.8kg [4lb]

▶ Certifications

All products comply with International Standards. Contact your local Intergy representative for details on the specific product versions available with these safety and EMC approvals:

Region	Certification
North America	UL, FCC Verification
Canada	IC
New Zealand / Australia	C-tick, Telepermit

In the interests of continual product improvement all specifications are subject to change without notice.

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