

# Intergy R2048 Series

## Features

- ▶ 48V Nominal Output Rectifiers
- ▶ Fast On-Line Replacement of Rectifiers (Hot Swap)
- ▶ High Power Density
- ▶ High Efficiency and Unity Power Factor
- ▶ Convection Cooled
- ▶ Constant Power Output Capability
- ▶ 6U Height to Comply with Standard Rack Format
- ▶ Cost Effective Modular Component of an Intergy Energy System



The Intergy R2048 series convection cooled rectifier modules are suitable for any high power telecommunications equipment such as customers premises equipment, PBX, central office and subscriber network installations.

The combination of leading high-frequency switch-mode technology with improved thermal design makes a flexible, efficient and reliable DC power source. Optimum performance is available at typical load currents and the rectifiers are over 90% efficient for minimized running costs.

Intergy R2048 series 48V rectifiers are designed to operate with the Intergy SM50 or SM60 series supervisory modules, or will operate in a stand-alone default mode.

# Intergy R2048 Series

► Brief Technical Specifications

For complete product specifications contact your local Intergy representative

AC Supply	176 to 275Vac rms, 45 to 66Hz, single phase
Power Factor	> 0.95
Efficiency	> 91%
DC Output Voltage Range	42 to 58V
Maximum Output Power	2kW
Maximum Output Current	42A
Start up	Current walk in programmable
Operating Temperature Range	-10°C to +70°C (thermal limiting from 50 °C)
Dimensions H, W, D	265mm x 60mm x 464mm
Weight	8kg

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