

Digital Rectifier Module

This digitalized rectifier module offers exceptional reliability and world-leading power density. The -48V DC power system is designed for global telecom applications, featuring a wide operating temperature and input voltage range.



Overview

Smart Digital Rectifier Module

The Smart Power I 336/11000 is a high-performance digitalized rectifier module engineered for exceptional reliability and industry-leading power density. Designed for -48V DC power systems, it provides versatile support for global telecommunications and infrastructure applications. Its advanced digital control, thermal management, and comprehensive safety features ensure stable operation under demanding environmental conditions.

Performance

Efficiency and Density

93 %

Typical Efficiency

94 %

Maximum Efficiency

23.27 W/in³

Power Density

Technical Specifications

System Type	-48V DC Power System
Cooling System	Dual front-to-back airflow fans with advanced thermal control

Compliance

Global Certifications	CE, UL Recognized, TUV
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Applications

Suitable Applications

- Wireless Communication
- Broadband and Network Access
- Satellite Communication Ground Stations
- 3G/4G Base Stations
- Telecom Roadside Cabinets
- Renewable Energy Solutions
- UPS/EPS Systems