

# Digitalized Rectifier Module

This digitalized rectifier module offers exceptional reliability. It is designed as a -48V DC power system suitable for global telecom applications with a wide operating temperature and input voltage range.



## Product Overview

### High-Reliability Digitalized Rectifier

The DZY-240/10HI is a robust digitalized rectifier module engineered for high-performance telecom applications. It features advanced digitalized primary and secondary controls for precise monitoring and regulation, ensuring exceptional reliability in demanding environments. With a typical efficiency of 95% and optimized thermal management through front-to-back airflow, this module is designed to meet global power system requirements.

## Performance Metrics

### Typical Efficiency

**95 %**

Efficiency

## Technical Specifications

Output Voltage	-48V DC
Cooling System	Front-to-back airflow
Protection Mechanisms	Mains disconnection, Hazardous input protection, Excellent EMC performance

## Applications

### Industry Applications

- Wireless communication
- 3G/4G base stations
- Broadband network access
- Satellite communication ground stations
- Telecom roadside cabinets
- Renewable energy solutions
- Hybrid power systems
- UPS/EPS and HVDC UPS