AC to DC Rectifier Power System Telecom 48V Series

Variants

Dual Supply -DC48V/15A Dual Supply - DC48V/30A

Details

The **DC Rectifier Power System (-48V)** is a reliable and high-efficiency telecom power solution designed to provide stable DC power for **GPON OLTs, Ethernet switches, BTS sites, ISP POPs, telecom cabinets, and core network infrastructure**. With dual AC inputs and dual -48V DC outputs, it ensures continuous and dependable operation for mission-critical communication equipment.

Designed in a compact **1U rack-mount chassis**, the rectifier features front-panel monitoring with dual output status indicators and rear-panel AC/DC connections for convenient installation and maintenance.

Input Power

Dual 220V AC

Output

-48V DC

Output Current

15A / 32A

Rack Size

1U

Key Features

? Stable -48V DC Output for Telecom Equipment

? Dual 220V AC Redundant Input Power

? Available in 15A & 32A Output Models

? Compact 1U Rack Mount Design

? Front Panel Dual Output Status Display

? Rear AC Input & DC Output Connections

? High Efficiency & Reliable Continuous Operation

? Ideal for Telecom, ISP & Data Center Infrastructure

Technical Specifications

Parameter	Specification

Product Type	DC Rectifier Power System (-48V)
Input Power	2 × 220V AC (Dual Input)
Output Voltage	2 × -48V DC
Output Current	32A / 15A (Model Dependent)
Rack Size	1U Rack Mount
Display	Dual Output Status Display (Front Panel)
AC Input Ports	Rear Panel
DC Output Ports	Rear Panel
Installation	19-inch Rack Mount
Application	ISP, Telecom, BTS, OLT, Core POP, Data Center

Quick Overview

Item	Details
Input	Dual 220V AC
Output	Dual -48V DC (15A / 32A)
Design	1U Rack Mount
Monitoring	Dual Front Panel Status Display
Connection	Rear AC Input & DC Output Ports

Applications

- GPON OLT Rooms
- ISP POP Sites
- Telecommunication Networks
- BTS Base Stations
- Data Centers
- Core Network Infrastructure
- Fiber Distribution Cabinets
- Enterprise Communication Systems

Available Models:

? -48V DC 15A Rectifier Power System
? -48V DC 32A Rectifier Power System

Please select the required output current before ordering.

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