

48V 100A Telecom Rectifier System For Base Stations Telecom Power Supply

Our Product Introduction

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Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-48100A
- Minimum Order Quantity: 10 units
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: T/T
- Supply Ability: 10000pcs/month



Product Specification

- Efficiency: $\geq 91\%$
- Frequency: 50/60Hz $\pm 10\%$
- Capacity: 50A-600A
- Power Supply: Single Phase 220Vac
- Product Name: Telecom Rectifier System
- Install: 19 Inch Rack
- Output Voltage: DC48V
- Highlight: 48V Telecom Rectifier System,
Base Stations Telecom Rectifier System,
100A Telecom Rectifier System



More Images



Product Description

48V 100A Telecom Rectifier System For Base Stations Telecom Power Supply

Product Description:

It is designed for inserting the 19", 21" rack. The system consists of VSM-B/C control module, VRM48 rectifier module, and etc. And there is AC-DC distribution unit. It's capacity can reach 48V/10A~150A combining racks with rectifiers.

- * It can be put in a rack with other telecom equipments
- * High efficiency, high power factor
- * Wide input voltage range, high adaptability to electric network
- * Good electromagnetic compatibility
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- * Good electromagnetic compatibility
- * With lightning arrester in input and output, have good lightning protection
- * With RS485/RJ45 interface, easy to connect with any advanced intelligent centralized monitoring system
- * Have the abandon battery management functions about battery protection, Low voltage battery disconnection (LVBD), temperature compensation
- * Parallel redundant system, with high reliability
- * With Chinese and English interface, it's easy to operate.

Product pictures:





Key Features:

Voltage Output: Provides a stable output voltage of 48V, which is commonly used in telecom and data center applications.

Current Rating: Capable of delivering up to 50A of current, making it suitable for high-power applications.

Regulation: Ensures consistent voltage output under varying load conditions, maintaining performance and protecting connected devices.

Efficiency: Designed for high efficiency, these modules reduce energy losses and minimize heat generation during operation.

Thermal Management: Often equipped with cooling mechanisms (such as heatsinks or fans) to dissipate heat and maintain optimal operating temperatures.

Protection Features: Includes built-in protections such as short-circuit, over-voltage, and over-temperature protection to ensure safe operation.

Modular Design: May be designed for easy integration into larger systems and can often be connected in parallel for increased power capacity.

Compact Size: Typically designed to be space-efficient, allowing for easy installation in various environments.

Applications:

Telecommunications Equipment: Powering network equipment, servers, and data storage systems.

Renewable Energy Systems: Used in solar power inverters and battery management systems for DC applications.

Electric Vehicles (EV): Power modules can be part of battery management systems or charging stations.

Industrial Machinery: Providing power to various industrial systems and automation equipment.

Benefits:

Reliable Power Supply: Ensures continuous and stable power for critical applications.

Scalability: Modular design allows for easy upgrades and system expansions.

Energy Efficiency: High efficiency helps reduce overall energy consumption and operating costs.



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