



Combined power system 48V 200A-1600A power system cabinet

Our Product Introduction

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Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX48400
- Minimum Order Quantity: 10
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: L/C, T/T
- Supply Ability: 10000pcs/month



Product Specification

- Input Voltage: 100-240V
- Humidity Range: 10% To 95%
- Installation Method: Floor Installed
- Product Category: Communication Power Supply
- Capacity: 48V/10A~600A
- Temperature Range: -40°C To 55°C
- Internal Dimension: W×D×H 482.3×380×44mm
- Cabinet Layout: One Compartment
- Highlight: 200a cabinet power supply,
200a communication power supply,
1600a cabinet power supply



More Images



Product Description

The system consists of VSM-B control module, VRM48 rectifier module, and etc. And there is AC-DC distribution unit. It's capacity can reach 48V/50A~600A combining racks with rectifiers.

Characteristics

- * It can be put in a rack with other telecom equipments or floor stand-alone installation
- * High efficiency, high power factor
- * Wide input voltage range, high adaptability to electric network
- * 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.

Our Product Introduction

for

Technical Data				
	DXE48200	DXE48400	DXE4830	DXE48600
Input				
Rated voltage	Single phase 220Vac			
Operation voltage range	90~300Vac			
Frequency	50/60Hz±10%			
Power factor	≥0.99			
Output				
Voltage	48V(40~58Vdc adjustable)			
Current	50-200A	50-400A	50-300A	50-600A
Power(Max)	11.6KW	23.2KW	17.4KW	34.8KW
Current sharing at paralleling	≤±3%			
Voltage stability precision	≤±0.6%			
Efficiency	≥91%			
Other data				
Dimension(W*D*H) (mm)	482×280×264	482×280×440	600×400×1200	600×400×1600
Weight	30kg	45kg	130kg	150kg
Battery Input	100A*2	100A*2	300A*2	500A*2
Load Output	(10-63)A*10	(10-63)A*10	100A*3 63A*3 32A*4 10A*2	160A*2 100A*2 (10-63)A*10

DXRM4850(H) Rectifier



Hot pluggable
 Forced Air Cooled
 Thermally Protected
 Power Factor Corrected
 Wide input AC Voltage
 Constant Power Output Limit
 Input/Output Voltage and Current Protected
 Active Load Sharing
 Serial alarm and control interface
 Microprocessor controlled

Technical Data		
	DXRM4850	DXRM4850H
Input		
Rated voltage	Single phase 220Vac	
Operation voltage range	90~300Vac	
Current	≤18.5A	
Frequency	50/60Hz±10%	
Power factor	≥0.99	
Output		
Voltage	48V(40~58Vdc adjustable)	
Current	50A@58	
Current sharing at paralleling	≤±3%	
Voltage stability precision	≤±0.6%	
Protection	Over voltage, over current, output short-circuit and over temperature	
Other data		
Efficiency	≥92%	≥95%
Cooling mode	Fan cooling	
Operating temperature	-10~+55℃	
Degree of protection class	IP20	
Ripple voltage	≤200mVpp	
Phosphometric noise	≤2mVrms	
Load effect	≤±0.5%	
Restoring time of load effect	≤200 μ s	
Source effect	≤±0.1%	
Dimension (mm)	106(W) ×218(D) ×83.8(H)	
Weight	2.2kg	
EMC		
Emission	Ac input in accordance with EN50081-1 and EN50081-2; DC output in accordance with EN50081-2	
Immunity	In accordance with EN50081-1, EN50081-2	
Safety	In accordance with IEC950, EN60950, EN41003, UL1950, AS/NZ3260	

Product Description:

With a humidity range of 10% to 95%, this power supply can withstand a broad range of environments making it suitable for use in different climates. Additionally, it has a temperature range of -40°C to 55°C, making it capable of functioning in extreme weather conditions.

The Communication Power Supply is designed to be mounted on a 19-inch rack, which makes it easy to install and integrate with other equipment. The 19-inch mount way ensures that the power supply is secure and stable during operation.

The capacity of this power supply ranges from 48V/10A to 150A, making it suitable for use with various communication equipment, including servers, routers, switches, and other devices that require reliable power. This AC DC Power Supply is designed to provide consistent and stable power output, ensuring that communication equipment works optimally.

In conclusion, the Communication Power Supply is an essential power source for communication equipment that requires a reliable AC Switching Power Supply. Its input voltage range of 100-240V, humidity range of 10% to 95%, temperature range of -40°C to 55°C, and 19-inch mount way make it suitable for use in different locations and environments. Its capacity of 48V/10A to 150A makes it suitable for use with various communication equipment, making it an excellent choice for businesses and organizations that rely on reliable power sources.

Features:

Product Name: Communication Power Supply
 Cabinet Layout: One Compartment

Surface: Outdoor Powder Coating
Mount Way: 19-inch Mount
Product Category: Communication Power Supply
Capacity: 48V/10A~150A
Can be used as Emergency Light Power Supply
Can be used as Instrument Power Supply
Can be used as CCTV Switching Power Supply

Technical Parameters:

Product Category	Communication Power Supply
Embedded Power Supply Brand	Daxin
Input Voltage	100-240V
Installation Method	Floor Installed
Surface	Outdoor Powder Coating
Cabinet Layout	One Compartment
Temperature Range	-40°C To 55°C
Internal Dimension	W×D×H 482.3×380×44mm
Capacity	48V/10A~400A
Product Name	AC-DC power supply/communication power supply/rack power supply/48V DC power supply

This product is not to be confused with a CCTV Switching Power Supply, 12V 1A Power Supply, or a DC DC Power Supply.

Applications:

The communication power supply is produced in shenzhen, with a minimum order quantity of 10 and a price of 2850. Customers can choose L/C or T/T as payment terms, and the supply capacity is 5000. The packaging details of the product are wooden pallet and cardboard box, which can effectively protect the product from damage during transportation.

The communication power supply has a humidity range of 10% to 95%, which can operate normally in a variety of environments. The product is 19-inch mountable, and the internal dimensions are W×D×H 482.3×380×44mm. The cabinet layout is one compartment, which can be installed and used easily.

The embedded power supply brand of the communication power supply is Daxin, which can provide a stable and reliable 12V 1A power supply. The product is widely used in various scenarios, such as powering routers, switches, and other network equipment in data centers, as well as powering cameras and other equipment in security monitoring systems.

In summary, daxin DX-C-1k20AH communication power supply is a high-quality, reliable, and cost-effective DC DC power supply product. It is widely used in various occasions and scenarios, providing stable and reliable 12V 1A power supply for communication equipment, broadcast and television, security monitoring, and other fields.

Support and Services:

Our Communication Power Supply product comes with comprehensive technical support and services to ensure reliable and efficient operation:

- 24/7 remote technical support
- On-site technical assistance and troubleshooting
- Regular firmware and software updates
- Training and certification programs for maintenance personnel
- Extended warranty and maintenance agreements
- Customized system design and engineering services

Our team of experienced technicians and engineers are dedicated to providing superior support and services to our customers. Contact us for more information.

Packing and Shipping:

Product Packaging:
The Communication Power Supply product will be packaged in a durable cardboard box with packaging foam to ensure safe transport. The box will also include product information and instructions for use.

Shipping:
The Communication Power Supply product will be shipped via a reliable courier service to ensure prompt and secure delivery. Customers will receive a tracking number via email to track their shipment. Shipping times may vary depending on the destination and chosen shipping method.

FAQ:

What is the brand name of the communication power supply?
daxin
2.
What is the model number of the communication power supply?
DX-C-1k20AH
3.
What certifications does the communication power supply have?
CE, UL
4.
Where is the communication power supply manufactured?
shenzhen
5.
What are the payment terms for purchasing the communication power supply?
L/C, T/T

Main equipment for cabinet processing (Three main equipment)



Laser



TRUMATIC500- Fully Automatic



TRUMATIC500- Fully Automatic
Japan AMADA - Fully Automatic

- 1500W: 1tower
- 3000W: 2tower

- Fast data punching: 4 units with automatic loading and unloading

- Japan AMADA: 7 units with automatic loading and unloading
- Model: EM-2510NT/AC-2510NT

Key process - general punching, bending, and riveting workshop



- Japan AMADA: 25 units
- Model: RG-35S



- TOX riveting machine: 24 units



- Puchong: 5 units (160T+250T+300T)



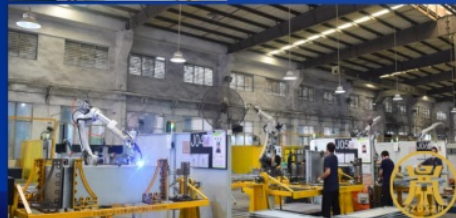
Key Process - Copper and Aluminum Product Workshop (Integrated Cutting and Punching Machine)



- Copper bar integrated machine: 2 units
- Model: LID-30
- Features: high-precision automatic cutting and punching



Key Process - Welding Workshop



Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate the welding program, automatically switch between dual platforms, seamlessly connect, and achieve uninterrupted welding. Welding dimensions: Product height 2.8 meters, width 1.5 meters. Welding capacity: 11 fully automatic welding robots and 47 welders. Monthly output of 20000 to 25000 cabinets.

Key Process - Polishing Workshop

- Automatic polishing machine: 2 units, equipment can be increased according to product demand.
- Manual polishing stations: 15, with manpower allocated according to the product structure.



Key process - Metal parts electroplating workshop (automated assembly line)



Key process - Spray painting workshop (3 main lines+1 auxiliary line/small batch)

Reciprocating machine (automatic powder spraying)



Automatic Line 1



Automatic Line 2



Automatic Line 3

Characteristics of Spray Line:

- ◆ Characteristics of Spray Line: The system monitors the furnace temperature in real-time, and when the oven temperature does not meet the standard. The system monitors the furnace temperature in real-time, and when the oven temperature does not meet the standard.
- ◆ Automatic spraying: Reciprocating machine automatic spraying ensures uniform thickness and aesthetic appearance of the coating.
- ◆ Equipment resources: 3 main lines+1 auxiliary line, which can simultaneously meet the needs of different colors.
- ◆ Daily production capacity: 15,000 to 20,000 square meters per day

Key Process - Product Assembly Workshop



Large cabinet assembly line



Small cabinet assembly line



IPX6 Spray Water Testing System



Small chassis wiring assembly line



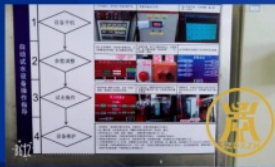
Outdoor cabinet product assembly line



High voltage product assembly line

Key process - outdoor cabinet waterproof testing assembly line

■ Pipeline standard: IPX1-IPX5 waterproof rating, which can be adjusted and matched according to product requirements.



Trial water process diagram



Test water



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