



## Customized Communication Equipment Power Supply with Humidity Range of 10% to 95% for Outdoor and Floor Installation

Our Product Introduction

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### Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-C-1k20AH
- Minimum Order Quantity: 10
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: L/C and T/T
- Supply Ability: 10000pcs/month



### Product Specification

- Features: High Voltage Dc Power Supply, AC DC Power Supply, 12V 1A Power Supply
- Temperature Range: -40°C To 55°C
- Humidity Range: 10% To 95%
- Supply Capacity: 5000
- Embedded Power Supply Brand: Daxin
- Installation Method: Floor Installed
- Capacity: 48V/10A~600A
- Highlight: **Floor Installation Communication Equipment Power Supply**, **Communication Equipment Power Supply**, **Outdoor Communication Equipment Power Supply**

**Product Description:**

The installation method for this product is floor installed, ensuring a stable and secure placement for the power supply. The cabinet layout consists of one compartment, which simplifies the installation process and ensures easy access to the power supply when necessary. With a supply capacity of 5000, this product is perfect for medium to large-scale photovoltaic outdoor energy systems. It provides efficient and reliable power for all communication equipment, ensuring that the system operates optimally at all times.

The Photovoltaic inverter energy storage box for outdoor use is an oil-powered product, which makes it ideal for outdoor use. It withstands harsh weather conditions and is durable enough to last for years, making it a cost-effective solution for any photovoltaic outdoor energy system.

The minimum order quantity for this product is 10, making it easy for businesses to order in bulk and ensure they have an adequate supply of communication equipment power supplies for their photovoltaic outdoor energy systems.

**Features:**

Product Name: Photovoltaic inverter energy storage box for outdoor use

Installation Method: Floor Installed

Supply Capacity: 5000

Humidity Range: 10% To 95%

Off grid outdoor cabinet for oil engine photovoltaic energy storage

Communication Equipment Power Supply

Off grid outdoor cabinet for oil engine photovoltaic energy storage

**Technical Parameters:**

Internal Dimension	482.3×380×44mm
Minimum Order Quantity	10
Humidity Range	10% To 95%
Supply Capacity	5000
Payment Terms	L/C and T/T
Price	\$2850
Installation Method	Floor Installed
Cabinet Layout	One Compartment
Surface	Outdoor Powder Coating

Photovoltaic energy storage outdoor system, Off grid outdoor system for oil turbine photovoltaic energy storage, Off grid outdoor system for oil turbine photovoltaic energy storage

**Applications:**

The DX-C-1k20AH communication power supply has a humidity range of 10% to 95%, making it suitable for outdoor installation in various weather conditions. The installation method is floor installed, and the internal dimension is W×D×H 482.3×380×44mm. This makes it an optimal choice for off-grid outdoor systems for oil turbine photovoltaic energy storage. The product is also suitable for off-grid outdoor systems for oil engine photovoltaic energy storage, offering flexibility in different scenarios.

The DX-C-1k20AH communication power supply is a reliable and efficient solution for power supply in off-grid outdoor systems. It provides a stable and long-lasting power supply, ensuring uninterrupted communication for various applications. The product is suitable for various communication devices, making it an ideal choice for mobile communication base stations, microwave communication systems, and transmission and exchange stations. Its rugged design ensures durability and longevity, even in harsh weather conditions. The DX-C-1k20AH communication power supply is the perfect choice for off-grid outdoor cabinet for oil engine photovoltaic energy storage, providing optimal performance and reliability.

**Support and Services:**

The Communication Power Supply product technical support and services include:

Remote technical support for installation, configuration, and troubleshooting

On-site technical support for diagnosis and repair

Warranty and post-warranty service

Regular maintenance and preventive maintenance services

Training and consultation services for optimal product performance

## Packing and Shipping:

Product Packaging:

1 Communication Power Supply unit

1 Power cord

1 User manual

Shipping Information:

Shipping method: Standard Ground

Estimated delivery time: 5-7 business days

Shipping cost: Free

Tracking information: Provided via email

## FAQ:

What is the brand name of this communication power supply?

**Answer:** The brand name of this communication power supply is daxin.

2.

What is the model number of this communication power supply?

**Answer:** The model number of this communication power supply is DX-C-1k20AH.

3.

What certifications does this communication power supply have?

**Answer:** This communication power supply is certified with CE and UL.

4.

What is the place of origin of this communication power supply?

**Answer:** The place of origin of this communication power supply is Shenzhen.

5.

What are the payment terms and packaging details for this communication power supply?

**Answer:** The payment terms for this communication power supply are L/C and T/T. The packaging details include a wooden pallet and cardboard box.

Technical Data				
	DXE48200	DXE48400	DXE4830	DXE48600
<b>Input</b>				
Rated voltage	Single phase 220Vac			
Operation voltage range	90~300Vac			
Frequency	50/60Hz $\pm$ 10%			
Power factor	$\geq$ 0.99			
<b>Output</b>				
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	$\leq \pm 3\%$			
Voltage stability precision	$\leq \pm 0.6\%$			
Efficiency	$\geq 91\%$			
<b>Other data</b>				
Dimension(W*D*H) (mm)	482 $\times$ 280 $\times$ 264	482 $\times$ 280 $\times$ 440	600 $\times$ 400 $\times$ 1200	600 $\times$ 400 $\times$ 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



Technical Data		
	DXRM4850	DXRM4850H
<b>Input</b>		
Rated voltage	Single phase 220Vac	
Operation voltage range	90~300Vac	
Current	≤ 18.5A	
Frequency	50/60Hz ± 10%	
Power factor	≥ 0.99	
<b>Output</b>		
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	
<b>Other data</b>		
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	
<b>EMC</b>		
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	

### Main equipment for cabinet processing (Three main equipment)



Laser

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



TRUMATIC500- Fully Automatic

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



TRUMATIC500- Fully Automatic  
Japan AMADA - Fully Automatic

- 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

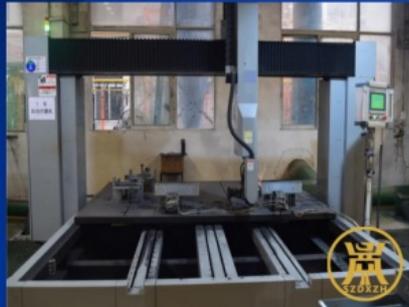


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate 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 (auto  
matic powder spraying)



Automatic Line 1



### 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



Automatic Line 2



Automatic Line 3

## Key Process - Product Assembly Workshop



Large cabinet assembly line



Small cabinet with 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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