

## High Capacity Outdoor Photovoltaic Inverter Energy Storage Box with One Compartment Layout Supply Capacity 5000

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

- Temperature Range: -40°C To 55°C
- Internal Dimension: W×D×H 482.3×380×44mm
- Support And Services: 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 An
- Cabinet Layout: One Compartment
- Humidity Range: 10% To 95%
- Supply Capacity: 5000
- Installation Method: Floor Installed
- Highlight: High Capacity Outdoor Energy Storage Box, One Compartment Layout Energy Storage Box.



### More Images



## Product Description

### Product Description:

The cabinet layout of this communication power supply is designed to have a one-compartment layout, which means that all the electrical components and embedded power supply from Daxin are housed in a single enclosure, making it compact and easy to install. Moreover, this communication power supply is capable of providing a stable and reliable DC voltage output of 48V and a current output of 50A, making it suitable for a wide range of communication equipment.

If you are looking for a desktop power supply unit that is reliable and efficient, the One Compartment Cabinet Layout 48V 50A Power Supply is a great option. This communication power supply is designed to operate in harsh outdoor conditions and is perfect for use in communication applications such as radio towers, cell sites, and other outdoor communication equipment that require stable and reliable DC voltage output.

The Daxin embedded power supply is a key feature of this communication power supply. It has been designed and tested to provide a stable and reliable DC voltage output, ensuring that your communication equipment operates smoothly. The DC DC power supply is also efficient and consumes less power, reducing your energy costs.

In summary, the One Compartment Cabinet Layout 48V 50A Power Supply for Humidity Range of 95% Pole Mount/Wall Mount Outdoor Dis is a reliable and efficient communication power supply that is designed to operate in harsh outdoor conditions. Its one-compartment layout, outdoor powder coating surface, and Daxin embedded power supply make it a great option for those in need of a sturdy and reliable communication power supply. Whether you're looking for a desktop power supply unit or a DC DC power supply, this communication power supply is sure to meet your needs.

### Features:

Product Name: Communication Power Supply

Installation Method: Floor Installed

Minimum Order Quantity: 10

Cabinet Layout: One Compartment

Internal Dimension: W×D×H 482.3×380×44mm

Humidity Range: 10% To 95%

High Voltage Dc Power Supply

AC DC Power Supply

12V 1A Power Supply

### Technical Parameters:

|                             |   |
|-----------------------------|---|
| Product Name                | One Compartment Cabinet Layout 48V 50A Power Supply for Humidity Range of 95% Pole Mount/Wall Mount Outdoor Dis |
| Surface                     | Outdoor Powder Coating  |
| Supply Capacity             | 5000  |
| Cabinet Layout              | One Compartment   |
| Temperature Range           | -40°C To 55°C   |
| Capacity                    | 48V/10A~600A  |
| Payment Terms               | L/C and T/T   |
| Embedded Power Supply Brand | Daxin   |
| Internal Dimension          | W×D×H 482.3×380×44mm  |
| Price                       | \$2850  |

### Applications:

### Support and Services:

Our Communication Power Supply product is backed by our comprehensive technical support and services, which includes:

24/7 technical support hotline

On-site installation and commissioning service

Remote monitoring and diagnostics

Regular maintenance and inspection

Training programs for operators and maintenance personnel

Customized solutions and engineering support

Our team of experienced technicians and engineers are dedicated to providing efficient and reliable support to ensure the optimal performance of your Communication Power Supply product.

### Packing and Shipping:

Product Packaging:

1 Communication Power Supply unit

1 Power cord

1 User manual

Shipping:

Shipping will occur within 2 business days of purchase confirmation

Shipping will be done through a reliable courier service

The package will be securely packaged to avoid any damage during transit

Tracking information will be provided once the package has been dispatched

### FAQ:

**Q:** What is the brand name of this communication power supply?

**A:** The brand name is daxin.

**Q:** What is the model number of this communication power supply?

**A:** The model number is DX-C-1k20AH.

**Q:** What certifications does this communication power supply have?

**A:** This communication power supply has CE and UL certifications.

**Q:** Where is this communication power supply made?

**A:** This communication power supply is made in Shenzhen.

**Q:** What is the minimum order quantity for this communication power supply?

**A:** The minimum order quantity is 10.

**Q:** What is the price of this communication power supply?

**A:** The price is \$2850.

**Q:** What are the payment terms for this communication power supply?

**A:** The payment terms are L/C and T/T.

**Q:** What is the supply ability of this communication power supply?

**A:** The supply ability is 5000.

**Q:** What are the packaging details for this communication power supply?

**A:** The packaging details are wooden pallet+cardboard box.

| 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<br>32A*4 10A*2 | 160A*2 100A*2<br>(10-63)A*10 |



| 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                              |           |

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



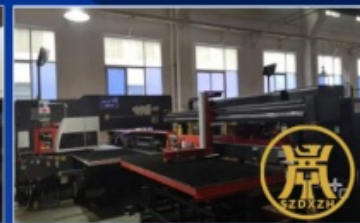
Laser

- 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)



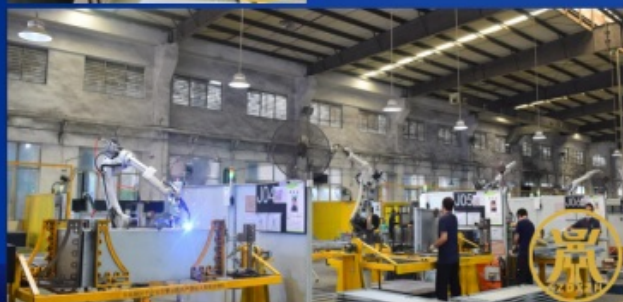
## Key Process - Copper and Aluminum Product Workshop (Integrated Cutting and Punching Machine)



- 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 (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.

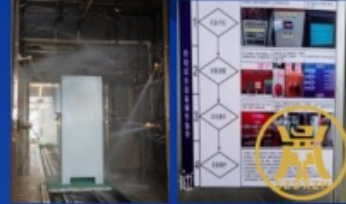
## Key Process - Product Assembly Workshop



Large cabinet assembly line



Small cabinet 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



Shenzhen Daxin Intelligent Equipment Technology Co., Ltd

**Shenzhen Daxin Intelligent Equipment Technology Co., Ltd**



+86 15817363697



lubenzhi@szdxzh.com



power-cabinets.com

Green Base Industrial Park, Longtian Street, Pingshan District, Shenzhen