

## Outdoor Power Control Box Supports Remote Shutdown And 8 Port Fiber Optic Output

Our Product Introduction

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### Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: /
- Model Number: O-P-DC50A
- Minimum Order Quantity: 1 pc
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 20-25 days
- Payment Terms: T/T
- Supply Ability: 10.000pcs/month



### Product Specification

- Feature: Remote Shutdown
- Installation Method: Pole/ Wall Mount
- Surface: Powder Coating
- Heating Module: Built In
- Product Category: Outdoor Power Control Box
- Material: Stainless Steel/ Galvanized Steel
- Highlight: **19-inch Communication Power Supply, Mount Communication Power Supply**



### More Images



## Product Description

### Outdoor Power Control Box Supports Remote Shutdown And 8 Port Fiber Optic Output

#### Unleash the Power of Connectivity with Our Outdoor AC - DC Power Cabinet

In the dynamic realm of modern communication, where seamless connectivity is the linchpin of success, our Outdoor AC - DC Power Cabinet emerges as the ultimate solution for communication sites. Engineered with precision and built to withstand the harshest outdoor conditions, this power cabinet is a technological marvel that ensures uninterrupted power supply for all your communication needs.

#### A Fortress Against the Elements

Featuring an industry - leading protection rating of IP55, our power cabinet is a veritable fortress. It's designed to keep out dust particles of all sizes, preventing them from infiltrating and potentially damaging the sensitive internal components. Additionally, it can endure low - pressure water jets from any angle, making it suitable for deployment in areas prone to heavy rainfall or high humidity. Whether it's scorching sun, driving rain, or gusty winds, this cabinet remains steadfast, safeguarding your valuable communication equipment from the elements.

#### Precision - Engineered Specifications

The cabinet's external dimensions of W×D×H 380180550mm strike the perfect balance between compactness and functionality. This size not only allows for easy installation in various locations but also provides ample space to house essential components. The remote shutdown feature is a game - changer, enabling operators to manage the power supply from a distance. This is particularly useful in large - scale communication networks where quick response times are crucial.

With a seamless 220V AC to DC - 48V conversion and a robust 3000W power output, our power cabinet can meet the energy demands of even the most power - hungry communication devices. The integrated Class C lightning protection of 20KA acts as a shield, protecting your equipment from potentially devastating electrical surges. The built - in heating module ensures that the cabinet functions optimally in cold climates, preventing issues like component failure due to low temperatures. Moreover, the support for 8 - port fiber optic output enhances data transfer capabilities, while the option for wall - mounting or pole - mounting offers unparalleled flexibility in installation.

Name/Description	Parameters
Outdoor Power Control Box	A. External dimensions of the cabinet: W×D×H 380180550mm. B. Supports remote shutdown. C. Converts 220V to DC - 48V output, with a power of 3000W and Class C lightning protection of 20KA. D. Built - in heating module. E. Supports 8 - port fiber optic output. F. Supports wall - mounting or pole - mounting.

#### Versatile Applications & Success Stories

This power cabinet has proven its mettle in a wide array of communication sites, with numerous success stories to its name.

##### Case 1: Rural Connectivity

In a remote rural area, a major telecommunications company was facing challenges in providing stable network coverage. The

existing power solutions for their cell towers were unreliable, often resulting in outages during adverse weather conditions.

Our Outdoor AC - DC Power Cabinet was deployed at multiple cell tower sites. Thanks to its IP55 protection rating, it withstood the region's frequent rainstorms and dusty winds without a hitch. The 3000W power output was sufficient to power all the tower equipment, and the Class C lightning protection saved the equipment from several lightning - induced surges.

As a result, the network coverage improved significantly, and the number of dropped calls decreased by 40%, bringing seamless communication to the previously underserved rural community.

### Case 2: Radio Network Expansion in the city

A local radio station in city was looking to expand its broadcast range by setting up new radio base stations. Space was at a premium, and they needed a power solution that was both compact and powerful. Our power cabinet, with its ideal dimensions and 8 - port fiber optic output, was the perfect fit.

The wall - mounting option allowed for easy installation in limited - space areas. The remote shutdown feature made it convenient for the station's technicians to manage power during maintenance.

Since the installation, the radio station has experienced zero power - related disruptions, and their signal quality has improved, leading to an increase in listener engagement.




### Trusted Quality and Support

Backed by a team of seasoned industry experts and state - of - the - art manufacturing facilities, our Outdoor AC - DC Power Cabinet undergoes stringent quality control measures. We are committed to delivering a product that not only meets but exceeds industry standards. With a substantial monthly supply capacity, we can meet the demands of projects of all sizes. Our competitive pricing and excellent after - sales service further solidify our position as the preferred choice for power solutions in the communication industry.

Don't compromise on the reliability of your communication sites. Choose our Outdoor AC - DC Power Cabinet and experience a new level of connectivity and efficiency. Contact us today to learn more and take the first step towards a more powerful communication future.

### About us

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

Laser	TRUMATIC500- Fully Automatic	TRUMATIC500- Fully Automatic Japan AMADA - Fully Automatic
		
<ul style="list-style-type: none"><li>➤ 1500W: 1tower</li><li>➤ 3000W: 2tower</li></ul>	<ul style="list-style-type: none"><li>➤ Fast data punching: 4 units with automatic loading and unloading</li></ul>	<ul style="list-style-type: none"><li>➤ Japan AMADA: 7 units with automatic loading and unloading</li><li>➤ Model: EM-2510NT/AC-2510NT</li></ul>



## 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

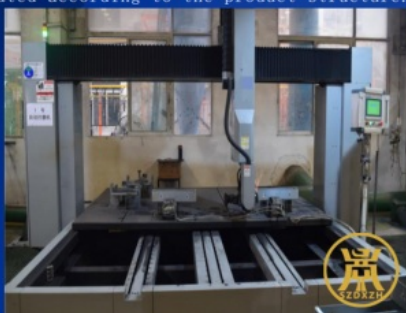


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate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

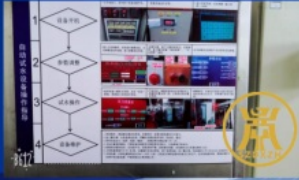
**Outdoor cabinet product assembly line**

**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



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