Galvanized Steel IP55 1.4M Outdoor Power Cabinet with AC220V Air Conditioner

Our Product Introduction

Basic Information

- Place of Origin: SHENZHEN
- Brand Name: daxin
- Certification: CE
- Model Number: ODC-1757575C2T
- Minimum Order Quantity: 1 pcs
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 10000pcs/month

Product Specification

- Jacket Od: 3.0mm
- Internal Size: W×D×H 900×900×2150mm
- Cabinet Lock: Anti-theft Three Point Lock
- Protection Level: IP55
- Cabinet Layout: One Compartment
- Battery Shelf No: One Battery Shelf
- Illumination: DC48V LED Lamp
- Layout: 2 Compartments
- Highlight: **IP55 1.4M Outdoor Power Cabinet**, **Galvanized Steel Outdoor Power Cabinet**, **Power Protection Cabinet With Air Conditioner**

More Images

Product Description

IP55 1.4M Outdoor Power Cabinet/IP55 Outdoor Cabinet/ Weatherproof Power Cabinet With 3.0mm Jacket And Anti Theft Lock

Product list

Number	Name/Description	Specification/Model	Parameter
1	Outdoor integrated power cabinet	750*750*1750	A. External dimensions of the cabinet: W × DxH750 * 750 * 1750mm; Internal dimensions: W × DxH600 * 600 * 1400mm B. Cabinet composition: cabinet body+cabinet door+base+top cover+rack+cabinet lock C. Cabinet type: 1 unit, 1 compartment, front door, floor mounted D. Cabinet material: 1.5mm galvanized sheet; E. Thermal insulation performance: thermal conductivity<0.472W/(m2. k); F. Equipment rack: 19 inch rack, H: 30U 3 pairs of support bars, 1 pallet; G. Cabinet base: 100mm high, 2.0mm thick; H. Entry method: Bottom in and bottom out with a diameter of 50 * 4; I. Anti theft design: embedded doors, embedded links, point type anti-theft locks; J. Protection level: IP65; K. Color: RAL7035, professional outdoor powder coating; L. Screen printing of cabinet with "Danger of Electricity" label; M. Including grounding copper bar, LED light, door magnetic switch, and cooling fan (optional)
2	Distribution unit (optional/customizable)	3U	19 inch 3U high embedded plug-in frame, AC380V input, 63A/4P × 2 (AC input, oil engine input+mechanical interlock plate), three-phase B-class lightning arrester × 1, 63A/3P × 1, 32A/1P × 2, 16A/1P × 2, 10A/1P × 1, 6A/1P × 1, three hole maintenance socket × 1, ground row × 1, zero row × 1.
3	Lithium battery/lead-acid battery (optional)		
4	Communication air conditioning	500W	AC 220V

Product Description:

Our Outdoor Power Cabinet is equipped with DC48V LED Lamps that provide adequate illumination for outdoor use. With this feature, you can be assured of a steady power supply, no matter the weather or time of day. The illumination feature makes it ideal for outdoor activities that require proper lighting.

The Protection Level of our Outdoor Power Cabinet is rated at IP55. This means that it is protected from dust and water, making it ideal for outdoor use. The jacket Od of 3.0mm ensures that the cabinet is sturdy enough to withstand any weather condition. You can be confident that your power supply is safe and secure in this cabinet.

The Outdoor Power Cabinet is designed to support battery size L×W×H 550×125×320mm. This ensures that you have enough space to store your battery, ensuring that it is safe and secure. The cabinet lock is an anti-theft three-point lock, which means that your battery and power supply are safe from theft.

Our Outdoor Power Cabinet is the perfect choice for anyone who needs an External Power Box for outdoor use. It is designed to meet all your power supply needs with its superior features. With its sturdy design, you can be confident that your power supply is safe and secure. The DC48V LED Lamps provide adequate illumination for outdoor use, making it ideal for outdoor activities that require proper lighting. The Protection Level of IP55 ensures that your power supply is protected from dust and water. The cabinet lock is an anti-theft three-point lock, which means that your battery and power supply are safe from theft.

Features:

Product Name: Outdoor Power Cabinet

Battery Shelf No: One Battery Shelf

Cabinet Cooling: Heat Exchanger And Fans, MTBF≥50000h.

Cabinet Lock: Anti-theft Three Point Lock

Layout: 2 Compartments

Internal Size: W×D×H 900×900×2150mm

Outdoor Electrical Cabinet

Weather Resistant Power Box

Weatherproof Power Cabinet

Technical Parameters:

Technical Parameters	Description
Product Name	Outdoor Power Cabinet, Weather Resistant Power Box, External Electrical Box
Cooling Capacity	500W (air conditioner)
Protection Class	IP55
Cabinet Lock	Anti-theft Three Point Lock

Protection Level	IP55
Surface	Outdoor Powder Coating
Battery Shelf No	One Battery Shelf
Other Accessory	Sensor
Cabinet Layout	One Compartment
Cabinet Cooling	Heat Exchanger And Fans, MTBF≥50000h.
Embedded Power Supply	Brand: Emerson

Applications:

One of the most common scenarios where this product can be used is in telecommunications. The ODC-210909C2T is ideal for housing equipment for cell towers, radio transmitters, and other communication systems. Its sturdy and weather-resistant design protects the valuable equipment from the elements, ensuring that it remains functional and reliable.

Another common application for this External Power Box is in the transportation industry. The ODC-210909C2T can be used to power traffic signals, streetlights, and other outdoor lighting systems. Its durable construction and weather-resistant design make it an ideal choice for harsh roadside environments.

For those in the renewable energy industry, the daxin ODC-210909C2T is an excellent choice for outdoor power storage. It can be used to house batteries, inverters, and other equipment needed for solar and wind power systems. Its weatherproof design ensures that the equipment is kept safe and functional, even in harsh outdoor environments.

The ODC-210909C2T External Power Box is also suitable for outdoor events. It can be used to provide power for stages, sound systems, and lighting rigs. Its compact size and durable construction make it easy to transport and set up, while its weatherproof design ensures that it remains functional even in rainy or humid conditions.

This product comes with a sensor and a cooling capacity of 500W (air conditioner). With dimensions of W×D×H 900×900×2150mm, it has a layout of two compartments, providing ample space for equipment storage. The ODC-210909C2T has been certified with CE and has a minimum order quantity of 10. It is priced at 1900 and comes in wooden crate/cardboard box packaging. Delivery time is 30 days, and payment terms are T/T. With a supply ability of 10,000 Taiwan/month, this External Power Box is made in Shenzhen, ensuring high-quality standards.

About Us

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
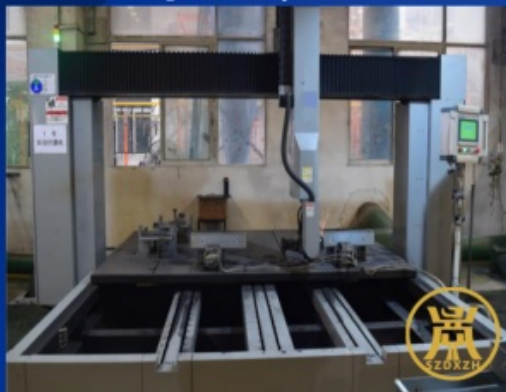➤ Features: high-precision automatic cutting and punching

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 Surface Treatment (Fully Automated)

Surface treatment line 1 (parts category)

Surface treatment 2-wire (cabinet type)

Surface treatment 2-wire (cabinet type):
● Full-process foolproofing: Unmanned operation, the system automatically performs surface treatment according to predefined process paths based on different materials, eliminating quality risks caused by human errors.
● Continuous monitoring: The system continuously monitors the pH level of the solution and automatically initiates the addition of the solution based on the monitoring results.
● Monthly capacity: Over 20,000 large cabinets

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

Central Conveyor Platform

Integrate packaging, automatic production line, tunnel oven, and packaging into a whole assembly line to reduce the intermediate loading and unloading process and d eper...

Remote control platform

Enables remote monitoring and control, and schedules real-time production

Pre processing procedure

With a total length of 35 0 meters, it can simultaneously address each issue point of various aluminum alloy products.

Copper plating production process

Set up 13 copper plating tanks to simultaneously electroplate 65 units of products. Each set of 5 units is equipped with an independent 1500A 48 V communication rectifier.

Tin plating production process

Use tin plating with methyl sulfonic acid, replacing the previous sulfuric acid-based plating process.

Fully automatic conversion vehicle

X-ray thickness measurement equipment

Fischer film thickness gauge imported from Germany.

Perfectly connect three fully automated production lines into an automated production platform

tin-plating tin-plating tin-plating tin-plating

nickel plating silver-plated chrome plating tin-plating

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
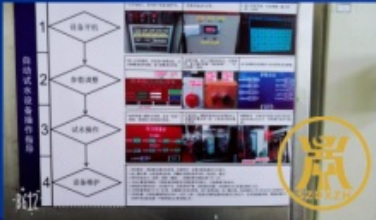
Small chassis wiring assembly line

Outdoor cabinet product assembly line

High voltage product assembly line

Key process - outdoor cabinet waterproof testing assembly line

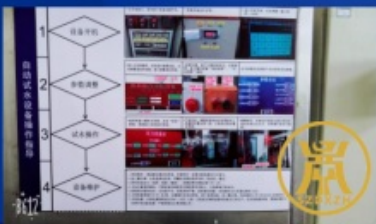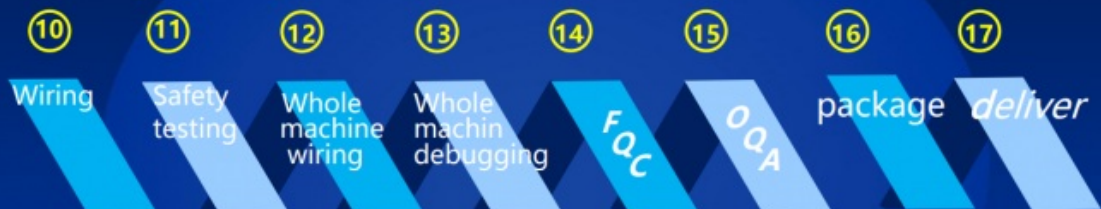■Pipeline standard: IPX1-IPX5 waterproof rating, which can be adjusted and matched according to product requirements.

Trial water process diagram   Test water

Supply capacity 2 – Complete machine assembly and commissioning

◆ There are a total of 8 production processes for electrical installation and debugging:

⑩ Wiring

⑪ Safety testing

⑫ Whole machine wiring

⑬ Whole machin debugging

⑭ FQC

⑮ OQA

⑯ package

⑰ deliver

1. **15 s**tandard assembly lines ensure better control over production efficiency.

2. Key positions for assembly require 220 people, testing requires 25 people, and process engineering requires 15 people, capable of fulfilling monthly delivery tasks for 20,000 complete units.

3. Various automated testing platforms guarantee product reliability and market quality.

4. Collaboration with world-class companies like Huawei ensures a comprehensive production model and high-quality management system.

Electrical installation workshop 1

5 matching frame insertion assembly lines

High-power product assembly

Product safety testing

High-voltage product testing

Electrical installation workshop 2

Cable harness workshop

✓ Dust-free workshop, compliant with 13485 and 16949 industry standards.
✓ The entire workflow, including cutting, stripping, crimping, sleeving, baking, assembly, labeling, and powering, is carried out on an assembly line. This ensures timely and complete sets with flexible supply capabilities, meeting various personalized needs.

production line

Packaging and Warehouse