



Outdoor Integrated Battery Storage Cabinets With Remote Monitoring System And Cooling

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: /
- Model Number: ODC-55651800C2T
- Minimum Order Quantity: 1 pc
- Packaging Details: Wooden case
- Delivery Time: 35-45 days
- Payment Terms: T/T
- Supply Ability: 8000pcs/month



Product Specification

- Cooling: 1.5KW DC Air Conditioner
- Surface Coating: Powder Coating
- Remote Monitoring System: YES
- Product Category: Outdoor Battery Storage Cabinets
- PDU: Yes
- Highlight: **Battery Storage Cabinets With Cooling,
Remote Monitoring Battery Storage Cabinets,
Outdoor Integrated Battery Storage Cabinets**



More Images



Product Description

Outdoor Integrated Battery Storage Cabinets With Remote Monitoring System And Cooling

Outdoor Integrated Battery Storage Cabinets Product Description:

Our Outdoor Integrated Battery Storage Cabinet is a Reliable solution designed to protect and manage critical equipment in demanding outdoor environments. Featuring a robust construction, integrated air conditioning, and advanced monitoring systems, this cabinet ensures optimal performance and reliability for a wide range of applications, including telecommunications, industrial automation, and renewable energy systems.

Applications:

Telecommunications: Secure storage and management of telecom equipment.

Industrial Automation: Protection for control systems and sensitive electronics.

Renewable Energy Systems: Ideal for housing inverters and other critical components.

Outdoor Events: Reliable protection for temporary setups and equipment.

Transportation Systems: Outdoor storage for railway, highway, and other transportation infrastructures.

Technical Specifications:

Category	Specifications
External Dimensions	HWD: 1800mm * 550mm * 650mm
Material	Galvanized steel sandwich panel (1.2mm outer, 0.6mm inner, 45mm PU insulation)
Air Conditioning	1.5KW air conditioner
Ventilation	12038 auxiliary straight-through fan * 2
Monitoring Systems	Water immersion sensor, smoke sensor
Power Distribution	AC distribution box
Lighting	LED light with access control and switch
Accessories	Support frame, base screws, square nuts
Temperature Control	Integrated air conditioner and fans for optimal thermal management
Safety Features	Fire-resistant materials, secure access control, IP-rated enclosure

Key Features:

1. Durable Construction:

- > Constructed from galvanized steel sandwich panels with a 1.2mm outer plate and a 0.6mm inner plate, providing exceptional strength and durability.
- > 45mm PU insulation for superior thermal stability and weather resistance.

2. Integrated Air Conditioning:

- > Equipped with a 1.5KW air conditioner for precise temperature control, ensuring optimal operating conditions for your equipment.
- > Two 12038 auxiliary straight-through fans for enhanced airflow and cooling efficiency.

3. Advanced Monitoring Systems:

- > Water immersion sensor to detect and alert against water ingress.
- > Smoke sensor for early detection of potential fire hazards.
- > Access control switch and LED light switch for secure and convenient operation.

4. Power Distribution:

- > Includes an AC distribution box for efficient power management.
- > LED light for improved visibility during maintenance and operations.

5. Safety and Security:

- > Fire-resistant materials and secure access control to prevent unauthorized access.
- > IP-rated enclosure for dust and water resistance, ensuring protection against harsh environmental conditions.

6. Ease of Maintenance:

- > Removable panels and trays for easy installation and maintenance.

> LED lighting for enhanced visibility during operations.

Packing and Shipping:

Packaging: Each cabinet is packed in a wooden crate for maximum protection during transit.

Accessories: Support frame, base screws, and square nuts are packaged separately.

Shipping: Reliable freight carriers with tracking information provided. Customers are responsible for customs duties and taxes.

Inspection: Customers should inspect packages upon delivery and report any damages immediately.

Why Choose Our Outdoor Equipment Cabinet?

Our Outdoor Customized Equipment Cabinet offers a perfect blend of durability, advanced technology, and user-friendly features to ensure your equipment is protected and performs optimally in any environment. Whether for telecommunications, industrial automation, or renewable energy systems, our cabinet provides a reliable and secure solution for your critical equipment needs.

Customizable Design: Tailored to meet specific project requirements, ensuring the perfect fit for your unique application.

Durable Construction: Built to withstand harsh outdoor conditions, providing long-lasting protection for your equipment.

Advanced Technology: Integrated air conditioning and monitoring systems for optimal performance and safety.

User-Friendly Features: Easy to install, maintain, and operate, reducing downtime and operational costs.

Contact us today to learn more about how our cabinet can meet your specific requirements!



*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: EW-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)



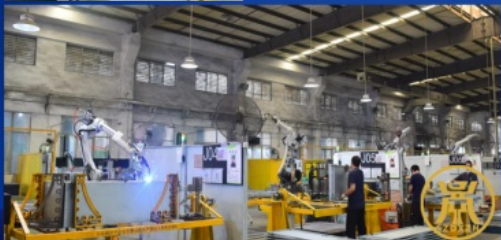
➢ Copper bar integrated machine: 2 units
➢ Model: LID-30
➢ Features: high-precision automatic cutting and punching



Key Process - Welding Workshop

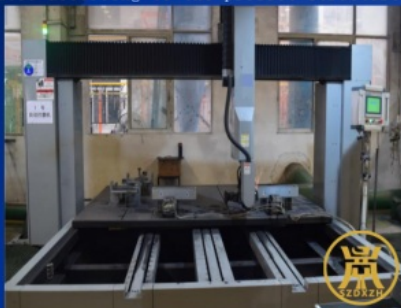


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate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



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

Reciprocating machine (automatic 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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