



Outdoor Waterproof Fiber Optic Communication Integrated Power Cabinet 2 Compartment Cabinet

Our Product Introduction

Basic Information

- Place of Origin: SHENZHEN
- Brand Name: daxin
- Certification: CE
- Model Number: DAXIN10080180
- 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

- Product Name: Integrated Power Cabinet
- Cabinet Size: W1000mm*D800mm*H1800mm
- Cabinet Lock: Anti-theft Three Point Lock
- Protection Level: IP55
- Cabinet Layout: Two Compartment
- Battery Shelf No: Yes
- Illumination: LED LAMP
- Layout: 2 Compartments With ODF
- Highlight: IP55 Outdoor Power Cabinet,
Fiber Optic Communication Outdoor Power Cabinet
, 2 Compartment Outdoor Power Cabinet



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Product Description

Outdoor Waterproof Fiber Optic Communication Integrated Power Cabinet 2 Compartment Cabinet

1. Cabinet dimensions: W1000mm*D800mm*H1800mm;
2. The cabinet is made of galvanized steel plate; it includes a 19-inch rack with a height of 30U;The bottom supports placing one set of 48V 150AH lead-acid battery, and the side houses an ODF compartment that can accommodate 720 cores.
3. Equipped with one AC 220V to DC 48V communication power supply, including one FSU and one 6-outlet PDU;
4. The cabinet comes with a 500W AC air conditioner;
5. Includes a 200A switch power supply of 5U and a 3U distribution unit;
6. Protection level IP55;
7. Customization supported.

IP55 Weather Resistant Outdoor Power Enclosures Metal Communication Enclosure

Weather-resistant outdoor power enclosures are designed to protect electrical equipment from harsh environmental conditions while ensuring reliable operation. Here's an overview of their features, specifications, and applications:

Integrated Power Cabinet Features

Weather Resistance

IP Ratings: Typically rated IP65 or higher to ensure protection against dust and water ingress.

UV Protection: Materials that resist degradation from sunlight, preventing fading and structural damage.

Durable Construction

Material Options: Made from corrosion-resistant materials such as stainless steel, aluminum, or high-density polyethylene (HDPE).

Reinforced Design: Built to withstand impacts, vibrations, and extreme weather conditions.

Insulation and Temperature Control

Thermal Insulation: Helps maintain stable internal temperatures, protecting sensitive equipment.

Cooling Options: Passive ventilation or active cooling systems to prevent overheating.

Security Features

Lockable Doors: Secure access to prevent unauthorized entry and tampering.

Alarm Systems: Optional intrusion alarms for enhanced security.

Modular Design

Configurable compartments for organizing various types of equipment, including power supplies, batteries, and control systems.

Cable Management

Integrated features for organizing and protecting cables and connections, reducing clutter and enhancing safety.

Grounding and Bonding

Provisions for proper grounding to protect equipment from electrical surges and lightning strikes.

Accessibility

Designed for easy installation and maintenance, with removable panels or doors for quick access.

Specifications

Size Options: Available in various sizes to accommodate different equipment types and configurations.

Weight Capacity: Rated to support the weight of housed equipment and additional components.

Temperature Range: Designed to operate within specified temperature ranges to protect sensitive electronics.

Integrated Power Cabinet Applications

Telecommunications

Protects radio equipment, antennas, and backup power systems in outdoor telecom installations.

Renewable Energy

Used in solar and wind installations to house inverters, batteries, and control systems.

Transportation

Enclosures for traffic management systems, signal controllers, and communication equipment for public transportation.

Utilities

Safeguarding electrical distribution equipment and monitoring systems in outdoor utility applications.

Industrial Automation

Protecting control panels and power supplies in outdoor manufacturing and processing facilities.

Public Safety

Housing communication systems and backup power for emergency services in outdoor environments.

Smart City Applications

Enclosures for IoT devices, environmental sensors, and connectivity solutions in urban areas.

IP55 professional outdoor waterproof fiber optic communication integrated power cabinet Benefits

Increased Durability: Designed to withstand harsh environmental conditions, ensuring long-term reliability.

Improved Safety: Protects sensitive electrical equipment from environmental hazards, reducing the risk of failure.

Efficient Operation: Maintains optimal performance through effective temperature management.

Versatile Applications: Suitable for a wide range of industries and environments, enhancing operational flexibility.

About Us

Shenzhen Daxin Intelligent Equipment Technology Co., Ltd



Shenzhen R&D Center



Guangzhou Factory

- Shenzhen Daxin Smart Equipment Technology Co., Ltd. was established in 2019, with its headquarters in Shenzhen and its production base in Conghua. The company is the chairman unit of the Guangzhou Sheet Metal Processing Industry Association.
- We purchased a 500-square-meter R&D office building in Shenzhen; we own 150,000 square meters of industrial land in Conghua and 120,000 square meters of self-built factories. We plan to build another 25,000 square meters within three years. Our current production-related fixed assets are nearly 100 million yuan, and our sheet metal production has environmental protection qualifications.
- An end-to-end supply system integrating R&D design, production, sales, transportation and after-sales service. ODM is mainly for customer-oriented or non-standard design.
- Representative customers: Vertiv Technologies (Ericsson, Nokia, etc.), AUTSUN, Invic, Sunsea Intelligent, Cosin Technology, Kangguan Medical, Kaili Medical, Mindray Medical, Medcaptain Medical, China Post, China Tower, star-rated hotels, government agencies, schools and other chain catering customer groups.



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