



Two Bay Anti Corrosion Waterproof Electrical Cabinet With Cooling And Battery Storage

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: /
- Model Number: ODC-210909C2T-2
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Wooden case with pallet
- Delivery Time: 25-35 days
- Payment Terms: T/T
- Supply Ability: 6000pcs/month



Product Specification

- Material: Galvanized Steel/ Stainless Steel
- Cabinet Lock: Anti-theft Three Point Lock
- Protection Level: IP55
- Cabinet Layout: Two Compartments
- Illumination: LED Light
- Cooling: Air Conditioner And Fans
- Mounting Type: Floor Mount
- Highlight: Galvanized Steel Outdoor Power Enclosure, Floor Mounting Outdoor Power Enclosure, Galvanized Steel Energy Supply Cabinet



More Images



Product Description

Two Bay Anti Corrosion Waterproof Electrical Cabinet With Cooling And Battery Storage

A two-bay anti-corrosion waterproof electrical cabinet designed for cooling and battery storage is a specialized enclosure that ensures the protection and efficient management of electrical equipment and batteries.

Key Features:

Corrosion-Resistant Construction
 Fabricated from 304/316 stainless steel or powder-coated aluminum alloy for superior environmental resistance.
 IP65+ Waterproof Enclosure
 Precision-engineered gasket sealing and drainage system ensures complete protection against water/dust ingress.
 Dual-Compartment Architecture
 Isolated chambers for power distribution and battery storage with independent thermal management.
 Advanced Thermal Regulation
 Configurable active/passive cooling:
 Forced-air ventilation (standard)
 Optional HVAC system for critical applications
 Optimized heat dissipation design
 Battery Management System
 Supports Li-ion/Pb-acid batteries with:
 Vibration-resistant mounting
 Temperature-controlled environment
 Integrated charge monitoring
 Environmental Monitoring
 Real-time sensors for:
 Temperature (-40°C to +70°C operating range)
 Relative humidity (0-95% RH)
 Remote alert capabilities

Specifications:

Category	Specification
External Dimensions (H×W×D)	2400mm × 2000mm × 800mm (Standard 42U Height)
Compartment Layout	Left: Equipment compartment Right: Upper equipment compartment + Lower battery compartment
Construction Materials	- Galvanized steel sandwich panel - Outer plate: 1.2mm - Inner plate: 0.6mm - 45mm PU foam insulation layer
Thermal Management System	- Primary cooling: 1.2KW AC air conditioner ×1 - Secondary cooling: 500W AC air conditioner ×1 - Auxiliary ventilation: 12038 straight-through fans ×4
Power Distribution	- AC distribution box ×1 - 3U embedded DC power supply ×1
Cable Management	- DDF wiring frame ×1 - 24-core ODF terminal box ×1
Lighting & Control	- LED lights ×2 - Access control with LED light switches ×4
Standard Accessories	- Support frame - Base mounting screws - Square nuts
Environmental Rating	IP55 (Standard), Higher ratings available upon request
Optional Features	- Enhanced EMI shielding - Fire suppression system - Remote monitoring kit

Applications:

5G macro/micro cells
 FTTH distribution nodes
 Edge computing installations
 Industrial IoT deployments

Benefits:

Enhanced Durability: Designed to withstand environmental stressors, ensuring long-term reliability.
 Improved Safety: Protects sensitive equipment and batteries from environmental hazards and unauthorized access.
 Efficient Operation: Cooling systems help maintain optimal performance, extending the lifespan of components.
 Organized Storage: Two-bay design allows for efficient organization of batteries and electrical equipment.
 This type of cabinet is essential for ensuring the safe and efficient operation of electrical systems in various demanding environments.



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