



3 Compartments Energy Battery Storage Cabinet For Outdoor Power Station with Cooling

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: /
- Model Number: ODC-219018CF2P-001
- Minimum Order Quantity: 1 pc
- Packaging Details: Wooden case with pallet
- Delivery Time: 35-45 days
- Payment Terms: T/T
- Supply Ability: 5,000pcs/month



Product Specification

- User Space: 42U+18U, 2 Battery Racks
- Applications: Telecom, Transportation, Renewable Energy, Outdoor Events
- Coating: Anti-corrosion Outdoor Powder Coating
- Cooling: 1500W 220VAC *2 & 500W 48VDC*1
- Layout: 3 Compartments
- Material: 1.5mm Galvanized Steel
- Highlight: **High Capacity Energy Battery Storage Cabinet,
2 Compartments Battery Storage Cabinet,
CE Certified Battery Storage Locker**



3 Compartments Energy Battery Storage Cabinet For Outdoor Power Station with Cooling

3 Compartments Energy Battery Storage Cabinet For Outdoor Power Station with Cooling is a modular outdoor solution integrating power distribution, battery storage, thermal management, and intelligent monitoring. Ideal for telecom base stations, solar energy storage, and industrial applications.

3 Compartments Energy Battery Storage Cabinet Key Specifications

Item	Parameter	Specification
1	Dimensions (External)	900mm (W) * 1800mm (D) * 2100mm (H)
2	Internal Rack Space	42U (Left) + 18U (Right) 19-inch standard racks; Supports 2x12V 150Ah lead-acid batteries
3	Material	1.5mm galvanized steel + 45mm EPS/PU insulation core (0.472W//m ² K thermal conductivity)
4	Protection Rating	IP55 (dust/water resistance), optional IP65
5	Security	3-point mechanical lock + anti-theft hinges; Tamper-proof warning labels
6	Cooling System	AC 1500W door-mounted air conditioner (optional DC 300W) + 120mm ventilation fans
7	Power Configuration	3*50A rectifier modules + 63A AC input/32A output circuit breakers

Core Features:

1. Robust Structure

Double-layer galvanized steel with 45mm insulation for extreme weather resistance (-40°C to +55°C) . Reinforced base (150mm height, 2.0mm thickness) and cable entry ports (Φ50×4) .

2. Flexible Power Management

Supports 48V DC output (300W–500A capacity) and AC/DC hybrid configurations . Integrated surge protection (20–40kA) and battery charging management .

3. Intelligent Monitoring

Door sensor with LED lighting (18W, auto-activated upon access) + remote alarm triggers . Optional environmental monitoring (temperature/humidity/smoke detection) .

4. Easy Maintenance

Front-opening design (110° door angle) with tool-free access to 19-inch racks . Modular components (e.g., replaceable fans, removable battery trays) .

Optional Accessories

Thermal Control: Choose between AC/DC air conditioners or forced ventilation .

Battery Expansion: Supports up to 4x150Ah lithium/lead-acid batteries (non-ferrous) .

Surge Protection: Upgradable to 40kA DC surge arrestors .

Compliance & Certifications

Meets IEC 62477-1 (safety), IP55 (ingress protection), and 8-level seismic resistance .

RAL7035 gray-white coating with UV resistance (10+ years outdoor durability) .

Customization Available: Dimensions, power capacity, and communication protocols (RS485/Modbus) tailored to project needs .



Contact Us: For technical drawings, OEM/ODM requests, or regional distributor inquiries.



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