

IP55 Outdoor Enclosure With 1500W Air Conditioner Cooling For Solar Battery Storage System

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: /
- Model Number: ODC-1757575C1F-001
- Minimum Order Quantity: 1 pc
- Packaging Details: Wooden case with pallet
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 8000pcs/month



Product Specification

- User Space: 30U
- Cabinet Lock: Anti-theft Three Point Lock
- Protection Level: IP55
- Cabinet Layout: One Compartment
- Color: RAL7035, Powder Coating
- Cooling: 1500W 220VAC Air Conditioner
- Cabinet Size: W*D*H 750*750*1750mm
- Highlight: **Battery Storage System Metal Communication Enclosure**
, Weatherproof Communication Enclosure,
Free Standing Electrical Cabinet



More Images



Product Description

IP55 Outdoor Enclosure With 1500W Air Conditioner Cooling For Solar Battery Storage System

Product introduction:

An IP55 - rated Outdoor Battery Energy Storage Cabinet is a robust, free - standing enclosure, engineered to shield batteries and related equipment from harsh outdoor elements like rain, dust, extreme temps, and physical knocks. Ideal for renewable energy (notably solar battery storage), telecom infrastructure, and EV charging stations. Its integrated cooling system ensures precise thermal management for optimal battery performance and longevity in tough outdoor settings.

Key Features:

- 1. Sturdy construction:** Made of 1.5mm galvanized steel with 45mm sandwich panels for durability and insulation in outdoor power applications.
- 2. IP55 Protection:** Fully sealed against dust and water, ensuring reliable outdoor operation for energy storage.
- 3. Cooling System:** Optional fans and AC conditioner for optimal thermal control in outdoor battery cabinets.
- 4. Secure Design:** Anti - theft features include embedded doors, point locks, and tamper - proof hinges.
- 5. Customizable Layout:** 19 - inch (30U) rack for flexible equipment mounting in outdoor setups.
- 6. User - friendly:** Door - activated LED lighting for easy access and maintenance of the outdoor energy storage system.
- 7. OEM/ODM service** available.

Product Specifications:

Item	Name/Description	Parameters
1	Outdoor Integrated Power Cabinet	- External Dimensions: W×D×H 750x750x1750mm
		- Internal Dimensions: W×D×H 600x600x1400mm
		- Material: 1.5mm galvanized steel, 45mm sandwich panel (0.8mm inner/outer galvanized steel)
		- Thermal Insulation: Thermal conductivity <0.472W/(m²·K)
		- Rack System: 19-inch rack, 30U height, 3 pairs of brackets, 1 tray
		- Base: 100mm height, 2.0mm thickness
		- Cable Entry: Bottom entry/exit, φ50*4
		- Anti-Theft Design: Embedded door, tamper-proof hinges, point lock
		- Protection Level: IP55
		- Color: RAL7035, professional outdoor powder coating
2	AC Air Conditioner	- Input Voltage: AC 220V
		- Cooling Capacity: 1500W
		- Installation: Door-mounted
3	Cooling Fan	- Input Voltage: AC 220V
		- Dimensions: 120*120*25mm
4	Door Sensor	Normally closed switch, triggers alarm when door is opened.
		- Input Voltage: AC 220V

5	LED Light + Door Sensor	- LED 18W
		- Function: Automatically turns on when door is opened, paired with door sensor.

Applications:

Solar Battery Storage Systems: Protects batteries and inverters from environmental damage while ensuring efficient cooling, making it an excellent outdoor energy storage cabinet.

Telecommunications: Safeguards sensitive equipment in outdoor telecom installations.

Electric Vehicle Charging Stations: Provides a secure and weatherproof enclosure for charging infrastructure.



For more information or to request a quote, please contact our sales team.

This IP55 Outdoor Enclosure is the ideal solution for your **outdoor energy storage cabinet**, solar battery storage, and outdoor power management needs!



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