



WPS30000-150/150 Outdoor Power Cabinet – High-Capacity UPS for Telecom & Data Systems

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: /
- Model Number: ODC-705835CF2P-001
- Minimum Order Quantity: 1 Set
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 25-35 days
- Payment Terms: T/T
- Supply Ability: 8000pcs/month



Product Specification

- Install Method: Pole/Wall Mount
- Material: Galvanized Steel/ Stainless Steel
- Customized Service: Yes
- UPS Capacity: 150A
- Cooling System: Dual Air Ducts + Fan Cooling
- Highlight: **High Capacity Outdoor Power Cabinet,
Data Systems Outdoor Power Cabinet,
Telecom Outdoor Power Cabinet**



More Images



Product Description

WPS30000-150/150 Outdoor Power Cabinet – High-Capacity UPS for Telecom & Data Systems

Product Overview

The WPS30000-150/150 Outdoor Power Cabinet is a 150A wall-mounted UPS designed for telecom, data communication, and satellite systems. It integrates AC/DC power distribution, temperature control, battery management, and remote monitoring in a rugged IP55-rated outdoor cabinet, supporting wall-mounting, floor-standing, and pole-mounted installations.

Key Features

Max 150A capacity with -54V DC output
Integrated battery management (low-voltage protection, load shedding, temperature compensation)
Remote monitoring via RS232/RS485 & dry contacts
Dual AC/DC lightning protection (C-grade: 20-40kA)
Wide input voltage range (90-300V AC)
High efficiency (up to 95%) with hot-swappable rectifier modules
IP55 protection with forced-air cooling & built-in thermal control
Supports LiFePO4 (50Ah) or lead-acid (4x38Ah) batteries

Technical Specifications

1. General Structure

| Component | Configuration | Details |
|--------------------|----------------------------------|-----------------------|
| Dimensions (H×W×D) | 700×580×350mm | Wall/floor/pole-mount |
| Cooling System | Dual air ducts + fan cooling | IP55 rated |
| Battery Support | 50Ah LiFePO4 or 4x38Ah lead-acid | Optional |

2. Power Distribution & Protection

| Unit | Specification |
|----------------------|---------------------------------------|
| AC Input | 63A/2P (Icu≥6kA, Ics≥6kA) |
| DC Output | 150A (adjustable: -42V to -58V) |
| Lightning Protection | AC: 20-40kA / DC: 10-20kA |
| Load Shedding | Primary (63A/1P) & Secondary (20A/1P) |

3. Electrical Performance

| Parameter | Value |
|----------------|---------------------------------|
| Input Voltage | 90-300V AC (176-300V full load) |
| Output Voltage | -54V DC (±1% regulation) |
| Efficiency | ≥95% (220V AC) |
| Noise Level | ≤55dB |

4. Environmental Compliance

| Condition | Operating Range |
|-------------|-------------------------------------|
| Temperature | -40°C to +45°C (full load at -40°C) |
| Humidity | 5-90% RH (non-condensing) |
| Altitude | ≤4000m (derating above 2000m) |

Why Choose This Outdoor Power Cabinet?

- ✓ Reliable UPS for Harsh Environments – Operates in extreme temperatures (-40°C to +45°C)
- ✓ Smart Battery Management – Auto voltage compensation, capacity calculation, and load shedding
- ✓ Flexible Monitoring – Supports remote control via RS485/dry contacts
- ✓ High Safety Standards – Meets YD/T1058-2000, IEC61000-4-5 (surge protection), and EN55022 (EMC)

Ideal for:

Telecom base stations
Satellite & data communication hubs
Outdoor power backup systems

Upgrade to the WPS30000-150/150 Outdoor Power Cabinet for unmatched reliability in critical power applications.

Product Details:



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