



3000VA 48V High-Availability Enterprise UPS System Outdoor Cabinet Delivers 99.999% Uptime

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: /
- Model Number: ODC-7058353K-48V
- 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

- Features: Dual-input Design
- Install Method: Pole/Wall Mount
- Customized Service: Yes
- UPS Capacity: 3KVA/2.4KW
- Battery System: Up To 200Ah External Battery
- Highlight: Enterprise UPS System Outdoor Cabinet, 48V Outdoor Cabinet



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Product Description

3000VA 48V High-Availability Enterprise UPS System Outdoor Cabinet

Delivers 99.999% Uptime for Critical Outdoor Installations

Install Method	Pole/Wall Mount
Features	Dual-input design
Customized service	Yes
UPS capacity	3KVA/2.4KW
Battery System	Up to 200Ah external battery

Data Center Grade Performance

Meeting Tier III availability standards, this 3KVA/2.4KW system delivers 99.999% uptime for critical outdoor installations.

Technical Specifications

Category	Component	Specification	Certification/Standard
System Overview	Availability	99.999% uptime (Tier III compliant)	Uptime Institute Tier Standard
	Capacity	3KVA/2.4KW continuous output	IEC 62040-3
Power Conversion	IGBT Inverter	<ul style="list-style-type: none">96% efficiency at 50% load<1% THD at full load	EN 50581
	Dual-Input Design	<ul style="list-style-type: none">Primary/alternate AC auto-switching<4ms transfer time	IEEE 446
Battery System	Scalability	<ul style="list-style-type: none">Up to 200Ah external battery30-minute recharge to 90% SoC	UL 1973
	Lithium Compatibility	<ul style="list-style-type: none">CAN bus 2.0B BMS interface±0.5% cell voltage monitoring	IEC 62619
Thermal Management	Active Cooling	<ul style="list-style-type: none">N+1 redundant fans (40,000hr MTBF)Optional liquid cooling (50°C ambient)	ASHRAE TC9.9
	Condensation Control	<ul style="list-style-type: none">300W auto-regulating heaters±3% RH humidity monitoring	IEC 60721-3-4
Security	Physical Protection	<ul style="list-style-type: none">Door sensors with anti-tamper alertsFIPS 140-2 cryptographic module	UL 294
	Audit Capabilities	<ul style="list-style-type: none">10,000-event log with timestampsRSA-2048 digital signatures	ISO/IEC 27001
Control Interface	Local HMI	<ul style="list-style-type: none">7" capacitive touchscreen (1280×800)Interactive single-line diagrams	EN 61010-1
	Remote Management	<ul style="list-style-type: none">IPsec VPN tunnelsTOTP two-factor authentication	NIST SP 800-63B
Compliance	Safety	UL 924, IEC 62477-1	NRTL/CB Scheme
	Environmental	MIL-STD-810G (Method 507.6 humidity)	DEF STAN 00-35
	Cybersecurity	IEC 62443-3-3 SL2	NERC CIP

Key Performance Advantages

- **Power Continuity**
0.001% annual downtime (5.26 minutes)
Concurrent maintainability design
- **Battery Intelligence**
Predictive failure analysis with 92% accuracy
Per-cell temperature monitoring ($\pm 1^{\circ}\text{C}$)
- **Thermal Resilience**
55°C operational capability with liquid cooling
3-stage fan speed control (35-65dB adjustable)
- **Security Protocols**
Role-based access with 7 privilege levels
FIPS-validated AES-256 encryption
- **Maintenance Features**
Hot-swappable power modules (<2min replacement)
Automatic self-test every 168 hours

Typical Deployments

Edge data centers
5G MEC installations
Financial trading enclosures
Tier III/IV modular data centers

Product Images



Shenzhen Daxin Intelligent Equipment Technology Co., Ltd

The Guangzhou production base is located in Conghua District, Guangzhou, and has environmental protection qualifications for sheet metal production.



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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+86 15817363697



lubenzhi@sdxzh.com



power-cabinets.com

Green Base Industrial Park, Longtian Street, Pingshan District, Shenzhen