



## Outdoor Integrated Power Cabinet with 48V 100Ah Lithium Battery

### Basic Information

- Place of Origin: SHENZHEN
- Brand Name: Daxin
- Certification: CE
- Model Number: ODC-210909C2T-200AH
- Minimum Order Quantity: 1 pcs
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 10000pcs/month



### Product Specification

- Customized Service: Yes, Welcome
- Technical Support: Over 10-yrs Industry Experience
- Temp. Control System: Air Conditioner And Fan
- Energy Storage System: Battery + Power + UPS
- Applications: Industrial, Commercial
- Monitor System: Remote Monitor
- IP Protection: IP55/65
- Highlight: **CE Certified Battery Energy Storage System, IP55 Commercial Energy Storage Container**



## Product Description

### Outdoor Integrated Power Cabinet with 48V 100Ah Lithium Battery & IP55 Protection

#### Product Description:

The Outdoor Integrated Power Cabinet with 48V 100Ah Lithium Battery & IP55 Protection is a high-performance energy storage solution designed for industrial, commercial, and outdoor applications. Featuring a robust 48V 100Ah LiFePO4 battery, IP55-rated enclosure, and 1500W cooling capacity, this cabinet ensures reliable power storage and distribution in demanding environments. With a 19-inch rack (30U configuration) and customizable design, it is perfect for outdoor energy storage systems, industrial and commercial energy storage systems, and automated smart energy storage systems.

#### The Outdoor Integrated Power Cabinet with 48V 100Ah Lithium Battery & IP55 Protection Applications:

Outdoor Energy Storage Systems: Ideal for remote locations, telecommunications, and renewable energy projects.

Industrial and Commercial Energy Storage Systems: Perfect for factories, warehouses, and commercial buildings requiring reliable power backup.

Automated Smart Energy Storage Systems: Suitable for smart grids, microgrids, and energy management systems that require automated control and monitoring.

#### Product Specifications:

Item	Name/Description	Specifications/Model	Parameters
1	Outdoor Integrated Power Cabinet	ODC-1757575C1F-001 750*750*1750	<ul style="list-style-type: none"> <li>- External Dimensions: W×D×H 750*750*1750mm</li> <li>- Internal Dimensions: W×D×H 600*600*1400mm</li> <li>- Material: 1.5mm galvanized steel, 45mm sandwich panel</li> <li>- Thermal Conductivity: &lt;0.472W/(m²·K)</li> <li>- Rack: 19-inch, 30U height</li> <li>- Base Height: 100mm</li> <li>- Cable Entry: Bottom entry/exit, φ50x4</li> <li>- Security: Embedded door, point-type anti-theft lock</li> <li>- Protection Rating: IP55</li> <li>- Color: RAL7035, professional outdoor powder coating</li> <li>- Additional Features: Grounding copper bar, LED light, door magnetic switch, optional cooling fans</li> </ul>
2	AC Air Conditioner	1500W	<ul style="list-style-type: none"> <li>- Input Voltage: AC 220V</li> <li>- Cooling Capacity: 1500W</li> <li>- Installation: Door-mounted</li> </ul>
3	Switching Power Supply	ET-PS48200E48V200A	<ul style="list-style-type: none"> <li>- Configuration: 19-inch, 6U height embedded frame</li> <li>- AC Distribution: Three-phase input, 63A/4P circuit breaker, C-level lightning protection</li> <li>- DC Distribution: 100A/1P, 32A/1P, 63A/1P circuit breakers</li> <li>- Battery Circuit Breaker: 125A/1P</li> <li>- Communication: RS485</li> </ul>
4	Lithium Iron Phosphate Battery	ET-LiBAT48100AH-3U	<ul style="list-style-type: none"> <li>- Capacity: 48V 100Ah</li> <li>- Configuration: 15S2P</li> <li>- BMS: Supports up to 50A charge/discharge, current limiting function</li> <li>- Communication: RS485 + RS232</li> <li>- Enclosure: 3U black metal case</li> </ul>
5	Generator Socket	5-wire, 63A	<ul style="list-style-type: none"> <li>- Type: 5-wire, 63A</li> </ul>
6	Fan	12025	<ul style="list-style-type: none"> <li>- Input Voltage: AC 220V</li> <li>- Dimensions: 120mm x 120mm x 25mm</li> </ul>
7	Door Contact Switch	-	<ul style="list-style-type: none"> <li>- Type: Normally closed, door open alarm</li> </ul>
8	LED Light with Door Contact Switch	LED 18W	<ul style="list-style-type: none"> <li>- Input Voltage: AC 220V</li> <li>- Function: Automatically turns on when the door is opened</li> </ul>

## Why Choose Our Outdoor Integrated Power Cabinet?

**Reliability:** Designed for continuous operation in demanding environments, ensuring uninterrupted power supply.

**Scalability:** Flexible configuration options allow for easy expansion and customization to meet specific energy storage needs.

**Safety:** Comprehensive safety features protect both the equipment and personnel, reducing the risk of accidents and downtime.

**Efficiency:** Advanced thermal management and energy-efficient components minimize energy loss and operational costs.

## Support and Services:

### Welcome to Customized Solutions for Your Energy Storage Needs!

At SZDXZH, we understand that every project is unique. That's why we offer fully customizable solutions tailored to your specific requirements. Whether you need a complete energy storage system or an optimized design, our team of experienced engineers with over 10 years of industry expertise is here to assist you. From initial consultation to final implementation, we provide end-to-end support to ensure your project's success.

**Customizable Solutions:** We design systems that align with your project's actual needs.

**Expert Engineering Support:** Our seasoned engineers provide professional guidance and optimization.

**Contact us today** to discuss your project requirements and let us deliver a solution that works best for you!

**End-to-End Service:** From planning to execution, we've got you covered.

#### 24/7 technical support

#### Remote monitoring and diagnostics

Regular software updates and upgrades

Customized energy storage solutions tailored to specific business needs

Our team of experienced technicians and engineers are dedicated to ensuring that our customers receive the highest level of support and service throughout the entire lifecycle of their energy storage system.

## Key Features:

**Durable Construction:** Built with 1.5mm galvanized steel and 45mm thick sandwich panels, the cabinet offers superior protection against harsh weather conditions.

**Thermal Efficiency:** With a thermal conductivity of less than  $0.472W/(m^2 \cdot K)$ , the cabinet ensures optimal thermal management, keeping internal components at safe operating temperatures.

**High Security:** Featuring an embedded door, point-type anti-theft lock, and IP55 protection rating, the cabinet provides enhanced security against unauthorized access and environmental hazards.

**Flexible Configuration:** The cabinet includes a 19-inch rack (30U) with adjustable shelves, allowing for customizable equipment layout.

**Comprehensive Safety Features:** Equipped with a grounding copper bar, LED lighting, door magnetic switch, and optional cooling fans, the cabinet ensures safe and efficient operation.

**Easy Installation:** Designed for floor mounting with a 100mm high base, the cabinet supports bottom cable entry and exit, simplifying installation and maintenance.

## Product Packaging:

The Industrial and Commercial Energy Storage System will be securely packaged in a heavy-duty cardboard box to prevent any damage during transit.

The system will be protected with foam padding on all sides to absorb any shocks or impacts.

All components and accessories will be individually wrapped and packaged to prevent any scratches or damages.

The package will include an instruction manual, warranty card, and other relevant documentation.

## Shipping:

The Industrial and Commercial Energy Storage System will be shipped via a trusted and reliable carrier.

The shipping cost will be calculated based on the destination, weight, and dimensions of the package.

A tracking number will be provided to the customer once the package is shipped.

The estimated delivery time will depend on the destination and the shipping method chosen by the customer.

The customer will be responsible for any customs duties or taxes that may apply to the shipment.



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