

## commercial power supply Customizable Industrial And Commercial Energy Storage System for Your Specific Needs

Our Product Introduction

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### 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



### More Images



## Product Description

# commercial power supply

### Product Description:

With our Industrial and Commercial Battery Storage System, businesses can shift energy usage to off-peak hours, reducing their reliance on the grid during peak demand periods. This helps to lower energy bills and can provide backup power in case of a power outage. Our energy storage system is also a great way to reduce carbon emissions, making it an eco-friendly choice for businesses looking to reduce their carbon footprint.

Our Industrial and Commercial Energy Storage System is also scalable, allowing businesses to add additional storage capacity as needed. This makes it a highly flexible solution for businesses of all sizes. Additionally, our energy storage system is designed to be easy to install and maintain, minimizing downtime and ensuring reliable performance.

Our Business and Industry Energy Storage Unit is built with top-quality components and materials, ensuring long-lasting performance and durability. Our battery storage system is designed to withstand harsh operating conditions, making it a reliable choice for even the most demanding industrial and commercial applications.

Our Industrial and Commercial Battery Storage System also features advanced monitoring and control capabilities, allowing businesses to monitor energy usage in real-time and optimize their energy storage system to meet their specific needs. Our energy storage system is also compatible with a wide range of renewable energy sources, including solar and wind power, making it a versatile solution for businesses looking to incorporate renewable energy into their operations.

In summary, our Industrial and Commercial Energy Storage System is a reliable, cost-effective, and eco-friendly solution for businesses and industries looking to optimize their energy usage and reduce costs. With advanced monitoring and control capabilities, scalability, and compatibility with renewable energy sources, our energy storage system is a highly flexible solution for businesses of all sizes and industries.

### commercial power supply Features:

Product Name: Industrial And Commercial Energy Storage System

Commercial and Industrial Energy Storage Facility

Corporate and Commercial Energy Storage Solution

Advanced Lithium-Ion Battery Technology

Scalable and Modular Design

High Energy Density and Efficiency

Smart Energy Management System

Remote Monitoring and Control

Peak Shaving and Load Shifting Capabilities

Integration with Renewable Energy Sources

Customizable for Specific Use Cases

Low Maintenance and Long Lifespan

Compliance with International Standards and Regulations

24/7 Technical Support and Maintenance Services

### commercial power supply Technical Parameters:

Product Name	Industrial and Commercial Energy Storage Station
Product Type	Large Business Energy Storage Setup
Application	Enterprise Energy Storage System
Capacity Range	50 kWh - 1 MWh
Battery Type	Lithium-Ion
Efficiency	Up to 95%
Output Power Range	50 kW - 1 MW
Operating Voltage	480V/600V/690V
Communication Interface	CAN, Ethernet, Modbus

### commercial power supply Applications:

This industrial and commercial battery storage system is designed to meet the energy storage needs of commercial and industrial energy storage facilities. It provides reliable, safe, and efficient energy storage solutions for a wide variety of applications. Some of the key product application occasions and scenarios include:

**Renewable Energy Integration:** The daxin energy storage system is an ideal solution for renewable energy integration. It can store excess energy generated by solar panels or wind turbines and provide a reliable power supply when the renewable energy source is not

available.

**Load Shifting and Peak Shaving:** The energy storage system can be used to shift the energy load from peak hours to off-peak hours. This helps to reduce the overall energy costs and avoid the need for expensive peak power generation.

**Backup Power Supply:** The battery storage system can provide backup power in case of a power outage. This is particularly useful for critical applications such as data centers, hospitals, and emergency services.

**Electric Vehicle Charging Stations:** The energy storage system can be used to store excess energy from the grid and provide a reliable power supply for electric vehicle charging stations.

**Microgrid Applications:** The battery storage system can be used in microgrid applications to provide reliable and stable energy supply to remote areas or areas with unreliable power supply.

In conclusion, daxin's ODC-210909C2T-200AH is a reliable and efficient industrial and commercial energy storage system that is suitable for a wide range of applications. Its key features include a CE certification, a high supply ability, and a quick delivery time. The product is packaged in a wooden crate or a cardboard box and is manufactured in Shenzhen.

## Support and Services:

The Industrial and Commercial Energy Storage System product technical support and services include:

Remote monitoring and diagnostics

On-site maintenance and repair

System optimization and upgrades

24/7 customer support

Training and education for operators and technicians

## commercial power supply Packing and Shipping:

### Product Packaging:

The Industrial and Commercial Energy Storage System will be packaged securely to ensure safe transportation and delivery. The product will be carefully placed in a sturdy cardboard box with appropriate cushioning material to protect it from any damage during transit.

### Shipping:

The shipping of the Industrial and Commercial Energy Storage System will be arranged by our team and will be delivered to the customer's designated address. The shipping cost will be calculated based on the distance and weight of the product. Delivery time may vary depending on the location and shipping method chosen.

## FAQ:

**Q1: What is the brand name of this industrial and commercial energy storage system?**

A1: The brand name is daxin.

**Q2: What is the model number of this energy storage system?**

A2: The model number is ODC-210909C2T-200AH.

**Q3: Is this energy storage system certified?**

A3: Yes, it is certified with CE.

**Q4: Where is this energy storage system made?**

A4: It is made in SHENZHEN.

**Q5: What is the minimum order quantity for this energy storage system?**

A5: The minimum order quantity is 10 units and the price is 6000USD. Payment terms are T/T and supply ability is 10,000 Taiwan/month. The delivery time is approximately 30 days and the packaging details include a wooden crate/cardboard box.

# Partial product cases





## Product list

Number	Name/Description	Specification/Model	Parameter
1	Outdoor integrated power cabinet	900*900*2150	<p>A. Cabinet dimensions: W × D×H900 * 900 * 2150mm; Internal dimensions: W × D×H800 * 800 * 1800mm</p> <p>B. Cabinet composition: cabinet body+cabinet door+base+top cover+rack+battery layer board+cabinet lock</p> <p>C. Cabinet type: 1 unit, 1 compartment, front door, floor mounted</p> <p>D. Cabinet material: 1.5mm galvanized sheet;</p> <p>E. Thermal insulation performance: thermal conductivity&lt;0.472W/(m2. k);</p> <p>F. Upper equipment rack: 19 inch rack, 22U, 3 pairs of support bars, 1 pallet; The lower two battery racks can accommodate up to 2 sets of 48200AH lead-acid batteries;</p> <p>G. Cabinet base: 100mm high, 2.0mm thick;</p> <p>H. Entry method: Bottom in and bottom out with a diameter of 50 * 4;</p> <p>I. Anti theft design: embedded doors, embedded links, point type anti-theft locks;</p> <p>J. Protection level: IP65;</p> <p>K. Color: RAL7035, professional outdoor powder coating;</p> <p>L. Screen printing of cabinet with "Danger of Electricity" label;</p> <p>M. Including grounding copper bar, LED light, door magnetic switch, and cooling fan (optional)</p>
2	Embedded switch power supply 200A	ET-PS48200Z-6U	<p>Standard 19 inches, embedded plug-in frame 3U high; AC input 220V, DC output 48V; Equipped with 3 30A rectifier modules and 1 monitoring and management module; Capable of battery charging management;</p> <p>Distribution section: AC input: air switch DZ47-63/2P C63 63A/2P * 1; Three phase AC C-level lightning arrester 20-40KA; Communication output: Air switch DZ47-63/2 C32 32A/2P * 1; Ground wire terminal * 1; DC C-level lightning arrester 20-40KA 1P * 1; DC output: One power outage: DZ47-63/1 C63 63A/1P * 3, Secondary power off: DZ47-63/1 C63 63A/1P * 3; Battery empty switch: DZ47-125/1 125A/1P * 2.</p>
3	Distribution unit (optional/customizable)	3U	19 inch 3U high embedded plug-in frame, AC380V input, 63A/4P × 2 (AC input, oil engine input+mechanical interlock plate), three-phase B-class lightning arrester × 1, 63A/3P × 1, 32A/1P × 2, 16A/1P × 2, 10A/1P × 1, 6A/1P × 1, three hole maintenance socket × 1, ground row × 1, zero row × 1.
4	Lithium battery/lead-acid battery (optional)	3u 100AH	48V 100AH
5	FSU	1U	<p>8 RS485 serial ports, 8 DI inputs, 4 DO dry contact outputs, 1 mains power status detection input, 1 water immersion detection input, 1 built-in vibration sensor, 1 USB interface, 1 RJ45 IP port, 1 console debugging port, port lightning and surge protection.</p> <p>The software comes with a web management interface, which allows for the configuration of the collector through a web browser, as well as the viewing of real-time collected data, alarms, and controls. Historical data and alarms can also be queried; Support centralized monitoring through SNMP or B interface access to the backend monitoring system.</p>
6	Camera	2 million infrared hemisphere	
7	UPS	3KVA	
8	Communication air conditioning	1500W	AC 220V



## Main equipment for cabinet processing (Three main equipment)



Laser

- 1500W: 1tower
- 3000W: 2tower



TRUMATIC500- Fully Automatic

- Fast data punching: 4 units with automatic loading and unloading



TRUMATIC500- Fully Automatic  
Japan AMADA - Fully Automatic

- Japan AMADA: 7 units with automatic loading and unloading
- Model: EM-2510NT/AC-2510NT

## Key process - general punching, bending, and riveting workshop



- Japan AMADA: 25 units
- Model: RG-35S



- TOX riveting machine: 24 units



- Puchong: 5 units (160T+250T+300T)



## Key Process - Copper and Aluminum Product Workshop (Integrated Cutting and Punching Machine)



- Copper bar integrated machine: 2 units
- Model: LID-30
- Features: high-precision automatic cutting and punching





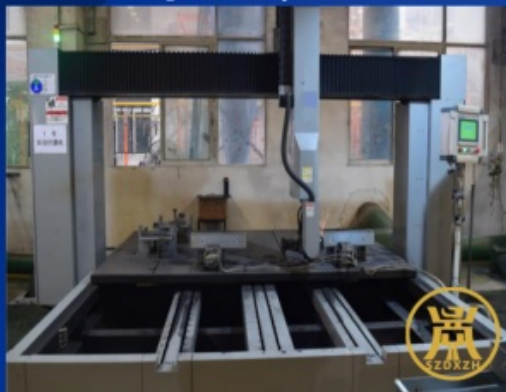
## Key Process - Welding Workshop



Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate the welding program, automatically switch between dual platforms, seamlessly connect, and achieve uninterrupted welding. Welding dimensions: Product height 2.8 meters, width 1.5 meters. Welding capacity: 11 fully automatic welding robots and 47 welders. Monthly output of 20000 to 25000 cabinets.

## Key Process - Polishing Workshop

- Automatic polishing machine: 2 units, equipment can be increased according to product demand.
- Manual polishing stations: 15, with manpower allocated according to the product structure.



## Key Process - Metal Surface Treatment (Fully Automated)

Surface treatment line 1 (parts category)



Surface treatment 2-wire (cabinet type)



Surface treatment 2-wire (cabinet type):

- Full-process foolproofing: Unmanned operation, the system automatically performs surface treatment according to predefined process paths based on different materials, eliminating quality risks caused by human errors.
- Continuous monitoring: The system continuously monitors the pH level of the solution and automatically initiates the addition of the solution based on the monitoring results.
- Monthly capacity: Over 20,000 large cabinets



## Key process - Metal parts electroplating workshop (automated assembly line)



## Key process - Spray painting workshop (3 main lines+1 auxiliary line/small batch)

Reciprocating machine (automatic powder spraying)



Automatic Line 1



**Characteristics of Spray Line:**

- ◆ **Characteristics of Spray Line:** The system monitors the furnace temperature in real-time, and when the oven temperature does not meet the standard, the system monitors the furnace temperature in real-time, and when the oven temperature does not meet the standard.
- ◆ **Automatic spraying:** Reciprocating machine automatic spraying ensures uniform thickness and aesthetic appearance of the coating.
- ◆ **Equipment resources:** 3 main lines+1 auxiliary line, which can simultaneously meet the needs of different colors.
- ◆ **Daily production capacity:** 15,000 to 20,000 square meters per day.



Automatic Line 2



Automatic Line 3

## Key Process - Product Assembly Workshop



Large cabinet assembly line



Small cabinet with assembly line



IPX6 Spray Water Testing System



Small chassis wiring assembly line



Outdoor cabinet product assembly line

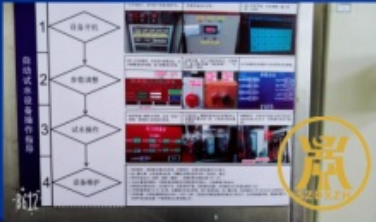


High voltage product assembly line



## Key process - outdoor cabinet waterproof testing assembly line

■ Pipeline standard: IPX1-IPX5 waterproof rating, which can be adjusted and matched according to product requirements.



Trial water process diagram

Test water



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