

## Solar photovoltaic/mains power CE Certified Industrial Commercial Energy Storage System for Consistent Power Supply

Our Product Introduction

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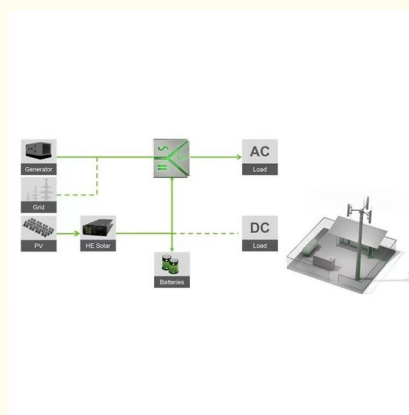
### Basic Information

- 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

- Product Category: Industrial And Commercial Energy Storage System
- Cabinet Layout: One Compartment
- Maintenance: Regular Maintenance And Inspection Recommended For Optimal Performance
- Battery Shelf No: One Battery Shelf
- Protection Level: IP55
- Type: Battery-based Energy Storage System
- Warranty: Varies Depending On The Specific System
- Efficiency: Varies Depending On The Specific System
- Manufacturer: Shenzhen
- Telecom Rectifier System: Yes
- Monitoring And Control: Remote Monitoring And Control Capability



## Product Description

### Solar photovoltaic/mains power CE Certified Industrial Commercial Energy Storage System for Consistent Power Supply

#### Product Description:

One of the key benefits of this energy storage system is how easy it is to install and use. It can be quickly set up and integrated into your existing power system, providing reliable and consistent power supply. This makes it an excellent choice for businesses that need a dependable energy source they can count on.

With the Industrial and Commercial Energy Storage System, you can rest assured that your power needs will be met, even during peak demand periods. This is thanks to the system's advanced energy management capabilities, which allow it to intelligently distribute power and manage energy loads.

This energy storage system is also highly durable and designed to withstand the rigors of commercial and industrial use. It is built to last, with high-quality components and a rugged construction that can withstand even the toughest conditions.

Overall, if you're looking for an industrial commercial energy storage system that is reliable, easy to use, and ideal for powering devices such as solar panels for cameras, then the Industrial and Commercial Energy Storage System is an excellent choice. With its advanced energy management capabilities, durable construction, and easy installation, it is the perfect solution for businesses that need a reliable source of power they can count on.

#### Features:

Product Name: Industrial And Commercial Energy Storage System

Load Power (w): 10kw

Ideal for commercial and industrial storage needs: Yes

Supply ability: 10,000 Taiwan/month

Product Category: Industrial And Commercial Energy Storage System

Specification: 5kw

Features:

Grid-Scale Energy Storage System

Industrial Energy Storage Facility

Commercial Industrial Battery Storage

Product list			
Number	Name/Description	Specification/Model	Parameter
1	Outdoor integrated power cabinet	900*900*2150	A. Cabinet dimensions: W × D×H900 * 900 * 2150mm; Internal dimensions: W × D×H800 * 800 * 1800mm B. Cabinet composition: cabinet body+cabinet door+base+top cover+rack+battery layer board+cabinet lock C. Cabinet type: 1 unit, 1 compartment, front door, floor mounted D. Cabinet material: 1.5mm galvanized sheet; E. Thermal insulation performance: thermal conductivity<0.472W/(m2. k); 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; G. Cabinet base: 100mm high, 2.0mm thick; H. Entry method: Bottom in and bottom out with a diameter of 50 * 4; I. Anti theft design: embedded doors, embedded links, point type anti-theft locks; J. Protection level: IP65; K. Color: RAL7035, professional outdoor powder coating; L. Screen printing of cabinet with "Danger of Electricity" label; M. Including grounding copper bar, LED light, door magnetic switch, and cooling fan (optional)
2	Embedded switch power supply 200A	ET-PS48200Z-6U	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; 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.
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)	8u 100AH	48V 100AH
5	FSU	1U	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. 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.
6	Camera	2 million infrared hemisphere	
7	UPS	3KVA	
8	Communication air conditioning	1500W	AC 220V

This energy storage system is also suitable for use with solar panels for cameras and can be used in both Industrial Energy Storage Facilities and Commercial Microgrid Storage.

#### Applications:

Daxin ODC-210909C2T-200AH is an Industrial And Commercial Energy Storage System that has received CE certification, manufactured in SHENZHEN. It is ideal for commercial and industrial storage needs and can be used in communication units, including solar-powered cameras. The product is also suitable for use in government units.

The daxin ODC-210909C2T-200AH Energy Storage System is an innovative and reliable utility energy storage system that is designed to meet the energy needs of commercial and industrial applications. With a supply ability of 10,000 Taiwan/month, this energy storage system is a great solution for businesses and organizations that require reliable and cost-effective power storage solutions.

The daxin ODC-210909C2T-200AH Energy Storage System is especially suitable for applications that require a constant and reliable power supply, such as solar-powered cameras and other communication units. It is also an ideal solution for commercial power storage needs, such as in factories and warehouses, and is suitable for use in government units.

The product is priced at 6000USD and requires a minimum order quantity of 10 units. Payment terms are t/t, and delivery time is 30 days. The product is packaged in wooden crates or cardboard boxes, depending on the customer's preference.

#### **Support and Services:**

Our Industrial and Commercial Energy Storage System comes with a comprehensive technical support and services package to ensure optimal performance and minimal downtime. Our team of experts will work with you to provide:

Installation and commissioning services

Ongoing maintenance and support

24/7 technical assistance

Remote monitoring and diagnostics

Training for your staff

Performance analysis and reporting

Upgrades and retrofits to keep your system up-to-date

We are committed to providing the highest level of service and support to our customers throughout the lifetime of their energy storage systems.

#### **Packing and Shipping:**

Product Packaging:

The Industrial and Commercial Energy Storage System product will be packaged in a sturdy, corrugated cardboard box with foam inserts to protect the product during transportation. The box will be sealed with heavy-duty tape to ensure it arrives safely to the customer.

Shipping:

The product will be shipped via freight carrier and will require a loading dock or forklift for unloading. The customer will be responsible for unloading the product from the delivery truck. The estimated delivery time will be provided to the customer upon purchase. Please note that additional shipping fees may apply for expedited delivery.

#### **FAQ:**

Q1: What is the brand name of this energy storage system?

A1: The brand name of this energy storage system is daxin.

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

A2: The model number of this energy storage system is ODC-210909C2T-200AH.

Q3: What certifications does this energy storage system have?

A3: This energy storage system has CE certification.

Q4: What is the place of origin for this energy storage system?

A4: The place of origin for this energy storage system is SHENZHEN.

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

A5: The minimum order quantity for this energy storage system is 10 and the price is 6000 USD.

Q6: What are the payment terms for purchasing this energy storage system?

A6: The payment terms for purchasing this energy storage system are t/t.

Q7: What is the supply ability for this energy storage system?

A7: The supply ability for this energy storage system is 10,000 Taiwan/month.

Q8: What is the delivery time for this energy storage system?

A8: The delivery time for this energy storage system is 30 days.

Q9: What are the packaging details for this energy storage system?

A9: The packaging details for this energy storage system are wooden crate/cardboard box.





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



Laser



TRUMATIC500- Fully Automatic



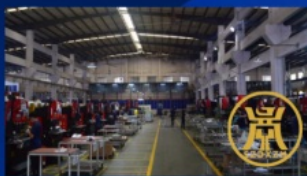
TRUMATIC500- Fully Automatic  
Japan AMADA - Fully Automatic

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

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

- 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)



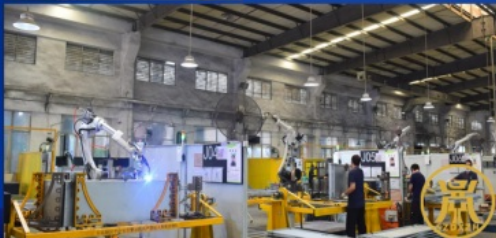
- Copper bar integrated machine: 2 units
- Model: LID-30
- Features: high-precision automatic cutting and punching



## Key Process - Welding Workshop

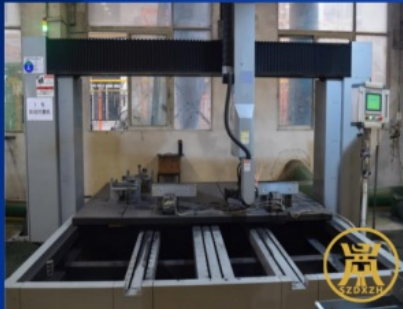


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate 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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