

Solar photovoltaic/mains power Energy Storage System Industrial And Commercial With AC 110V/220V Output Voltage

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

- Specification: 5kw
- Output Voltage (v): AC 110V/220V
- Product Name: Photovoltaic Complementary Power Conversion Module For Monitoring Cameras/communication/government Units/factories
- Load Power (w): 10kw
- Product Category: Industrial And Commercial Energy Storage System
- Highlight: 5kw Industrial Commercial Energy Storage System
, AC 110V Commercial Energy Storage System



Product Description

5kw Industrial And Commercial Energy Storage System With AC 110V/220V Output Voltage

Product Description:

The product comes with a specification of 5kw and an output voltage of AC 110V/220V, making it a powerful energy storage system that can support various loads. With a load power of 10kw, this product can provide ample power to support the needs of commercial and industrial operations.

The Photovoltaic complementary power conversion module for monitoring cameras/communication/government units/factories is a versatile solution that is suitable for a wide range of applications. Whether you are running monitoring cameras, communication systems, government units, or factories, this product can provide a reliable power supply to keep your operations running smoothly.

Our Industrial And Commercial Energy Storage System is designed to provide a stable and consistent power supply, even during power outages or fluctuations. This makes it an ideal solution for businesses and organizations that rely heavily on electricity to keep their operations running smoothly.

The product is also equipped with safety features that ensure the system operates safely and efficiently. This includes over-voltage protection, over-current protection, and short-circuit protection, which help prevent damage to the system and ensure it operates reliably over the long term.

In summary, our Industrial And Commercial Energy Storage System is a versatile and reliable power solution that is suitable for a wide range of commercial and industrial applications. With its powerful specifications and safety features, this product can provide a stable and consistent power supply to keep your operations running smoothly.

Features:

Product Name: Photovoltaic complementary power conversion module for monitoring cameras/communication/government units/factories

Product Category: Industrial And Commercial Energy Storage System

Load Power (w): 10kw

Output Voltage (v): AC 110V/220V

Specification: 5kw

Features:

Provides energy storage for industrial and commercial needs

Efficiently converts photovoltaic power for use with monitoring cameras, communication systems, government units, and factories

Capable of delivering up to 10kw of power to connected devices

Outputs AC power at 110V or 220V for compatibility with a wide range of equipment

Comes with a 5kw specification for optimal performance

Technical Parameters:

Specification	12kw
Product Category	Industrial And Commercial Energy Storage System
Output Voltage (v)	AC 110V/220V
Load Power (w)	10kw
Product Name	Photovoltaic complementary power conversion module for monitoring cameras/communication/government units/factories

This Industrial And Commercial Energy Storage System is a powerful storage system that can provide up to 5kw of energy. It is perfect for industrial storage needs and can handle loads of up to 10kw. The system can output at AC 110V/220V and is designed for use by monitoring cameras, communication, government units, and factories. The Photovoltaic complementary power conversion module ensures that the system is reliable and efficient.

Applications:

daxin's ODC-210909C2T-200AH is an industrial and commercial energy storage system that is designed to meet the power demands of various applications. This product is CE certified and manufactured in SHENZHEN.

With a minimum order quantity of 10 and a price of 6000USD, this energy storage system is a cost-effective solution for industrial storage needs. It has a supply ability of 10,000 Taiwan/month and a delivery time of 30 days. The packaging details include a wooden crate/cardboard box to ensure safe transportation.

The ODC-210909C2T-200AH energy storage system is a photovoltaic complementary power conversion module that is suitable for monitoring cameras, communication, government units, and factories. It has a specification of 5kw and an output voltage of AC 110V/220V. The load power is 10kw, making it ideal for industrial storage applications.

This energy storage system can be used in various occasions and scenarios. For instance, it can be used in factories to provide backup power in case of power outages. It can also be used in government units to power critical equipment and communication systems.

The ODC-210909C2T-200AH energy storage system is also suitable for use in monitoring cameras. It can power cameras in remote locations where there is no access to the grid. This makes it ideal for use in surveillance systems in industrial storage facilities.

In conclusion, daxin's ODC-210909C2T-200AH energy storage system is a reliable and cost-effective solution for industrial and

commercial energy storage needs. Its versatility and durability make it suitable for various applications, including monitoring cameras, communication, government units, and factories.

Support and Services:

The Industrial and Commercial Energy Storage System product comes with comprehensive technical support and services to ensure seamless operation and maximum performance. Our team of experienced technicians is available to assist with installation, commissioning, and maintenance of the system, providing ongoing support to ensure the product operates at its best. Our technical support and services also include:

24/7 remote monitoring and diagnostic services

Regular system updates and upgrades

On-site training for system operators and maintenance personnel

Customized service agreements to meet specific customer needs

Access to a comprehensive library of technical documentation and resources

Our goal is to provide our customers with the support and services they need to ensure the Industrial and Commercial Energy Storage System operates at peak efficiency, reducing energy costs and improving overall performance.

Packing and Shipping:

Product Packaging:

The Industrial And Commercial Energy Storage System product will be securely packaged in a sturdy cardboard box.

The product components will be organized and placed in custom-fit foam inserts to prevent any damage during shipping.

The packaging will include a user manual and necessary installation hardware.

Shipping:

The Industrial And Commercial Energy Storage System product will be shipped via a trusted courier service.

Shipping costs will be calculated based on the destination and weight of the product.

Customers will receive a tracking number once the product has been shipped.

Shipping times may vary depending on the destination. Please allow for up to 10 business days for delivery.

FAQ:

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

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

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

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

Q3: Does the energy storage system have any certification?

A3: Yes, the energy storage system has CE certification.

Q4: Where is the energy storage system manufactured?

A4: The energy storage system is manufactured in SHENZHEN.

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

A5: The minimum order quantity is 10 units and the price is 6000USD per unit. Payment terms are t/t. The energy storage system has a supply ability of 10,000 Taiwan/month and a delivery time of 30 days. It is packaged in a wooden crate or cardboard box.



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 8-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



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

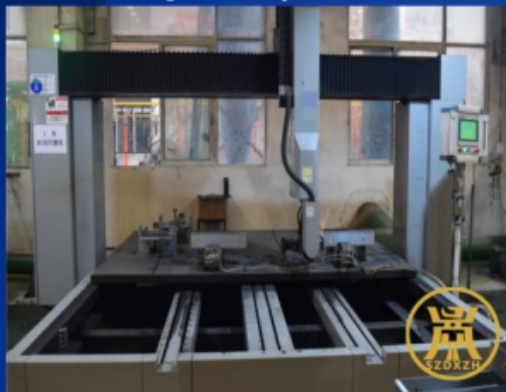


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate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

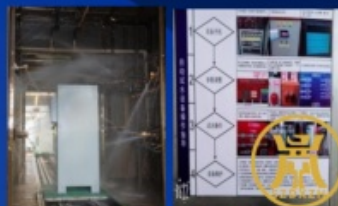
Key Process - Product Assembly Workshop



Large cabinet assembly line



Small cabinet with assembly line



IPX6 Spray Water Testing System



Small chassis wiring assembly line



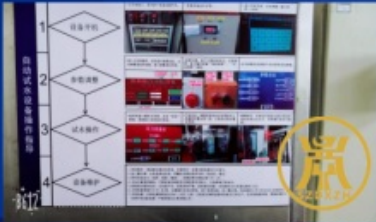
Outdoor cabinet product assembly line



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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