

All In One Industrial And Commercial Energy Storage System ESS High 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

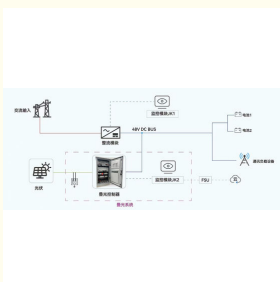


Product Specification

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



More Images



Product Description

Product Description:

Our energy storage system has an output voltage of AC 110V/220V, making it suitable for a wide range of industrial and commercial applications. With a specification of 5kw, our system is capable of delivering enough power to meet the demands of most businesses. In addition, our load power is 10kw, ensuring that even during times of high energy usage, our system can provide the necessary power to keep operations running.

The Photovoltaic complementary power conversion module for monitoring cameras/communication/government units/factories is specifically designed to provide reliable and consistent power for these critical applications. Our system is capable of storing energy during periods of low demand, ensuring that there is always enough power available when it is needed.

Our Industrial Energy Storage System is an ideal solution for businesses that require a reliable and efficient power supply. Whether you are running a factory, a government unit or need to power your communication or monitoring cameras, our system can meet your needs. With the ability to store energy and deliver it when it is needed, you can be sure that your operations will run smoothly and without interruption.

In summary, our Industrial and Commercial Energy Storage System is a reliable and efficient solution for businesses that require a stable and uninterrupted power supply. With an output voltage of AC 110V/220V, a specification of 5kw and a load power of 10kw, our system is capable of meeting the demands of most businesses. Whether you need to power communication or monitoring cameras, government units or factories, our Photovoltaic complementary power conversion module is specifically designed to meet your needs. Invest in our energy storage system today and experience the benefits of a reliable and consistent power supply.

Features:

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

Specification: 5kw

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

Product Category: Industrial And Commercial Energy Storage System

Load Power (w): 10kw

This product is an Industrial And Commercial Energy Storage System that is designed to provide reliable power for a variety of applications including monitoring cameras, communication, government units, and factories. It has a 5kw specification and an output voltage of AC 110V/220V. The load power is 10kw, making it a powerful and efficient commercial energy storage system for industrial use.

Technical Parameters:

Product Name:	Photovoltaic complementary power conversion module for monitoring cameras/communication/government units/factories
Product Category:	Industrial And Commercial Energy Storage System
Specification:	5kw
Output Voltage (v):	AC 110V/220V
Load Power (w):	10kw

This product is an example of a Commercial Storage System that is part of the broader category of Industrial And Commercial Energy Storage Systems. It is designed to store energy for later use and convert it to compatible voltage and wattage for powering various devices in a commercial or industrial setting.

Applications:

The Photovoltaic complementary power conversion module for monitoring cameras/communication/government units/factories is a versatile product that can be used in a variety of industrial and commercial energy storage scenarios. With a load power of 10kw and output voltage of AC 110V/220V, this 5kw system is a powerful and reliable solution for a variety of applications. Whether you need to power monitoring cameras, communication devices, government units, or factories, the dixin ODC-210909C2T-200AH Industrial And Commercial Energy Storage System is up to the task.

Thanks to its advanced design and high-quality components, the dixin Industrial And Commercial Energy Storage System is a durable and dependable solution for all your industrial storage needs. So if you're looking for a powerful and reliable energy storage system that can handle even the toughest industrial environments, look no further than the dixin ODC-210909C2T-200AH.

Support and Services:

Our Industrial and Commercial Energy Storage System product comes with comprehensive technical support and services to ensure optimal performance and longevity. Our team of experienced engineers and technicians are available to assist with installation,

commissioning, and ongoing maintenance of the system.

We offer regular system health checks and preventative maintenance services to identify and address potential issues before they become major problems. Our technical support team is also available to provide remote assistance and troubleshooting in case of any unexpected issues.

In addition, we offer training programs to ensure that your team is equipped with the necessary knowledge and skills to operate and maintain the system effectively. Our training programs include on-site training, webinars, and instructional materials.

Overall, our technical support and services are designed to ensure that our Industrial and Commercial Energy Storage System product delivers reliable and efficient performance over its entire lifespan.

Packing and Shipping:

Product Packaging:

The Industrial and Commercial Energy Storage System will be packaged in a sturdy, reinforced cardboard box to ensure safe transportation.

The product will be securely wrapped in bubble wrap to prevent any damage during shipping.

All necessary components and accessories will be included in the package.

The package will also include a user manual and installation guide.

Shipping:

The Industrial and Commercial Energy Storage System will be shipped via a reputable courier service.

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

The estimated delivery time will be communicated to the customer at the time of purchase.

The product will be insured during shipping to protect against any damage or loss.

Customers are advised to inspect the package upon delivery and report any damage to the courier service immediately.

FAQ:

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

A: The brand name is daxin.

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

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

Q: Is this energy storage system certified?

A: Yes, it is certified with CE.

Q: Where is this energy storage system manufactured?

A: It is manufactured in SHENZHEN.

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

A: The minimum order quantity is 10 units.

Q: What is the price of this energy storage system?

A: The price is 6000USD.

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

A: The payment terms are t/t.

Q: What is the supply ability of this energy storage system?

A: The supply ability is 10,000 units per month from Taiwan.

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

A: The delivery time is 30 days.

Q: How is this energy storage system packaged for delivery?

A: 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	<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<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 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)	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



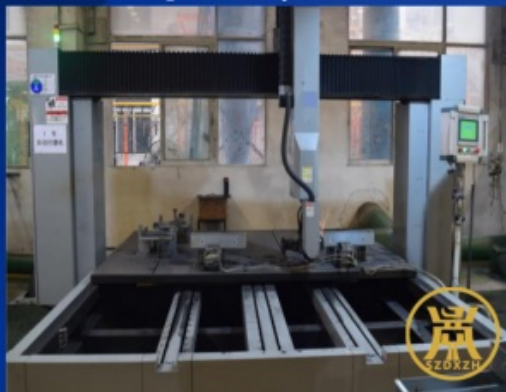
Key Process - Welding Workshop



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



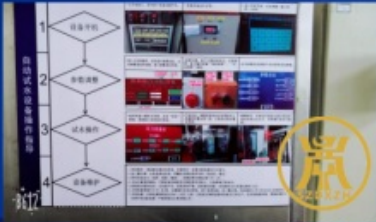
Outdoor cabinet product assembly line



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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