

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

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

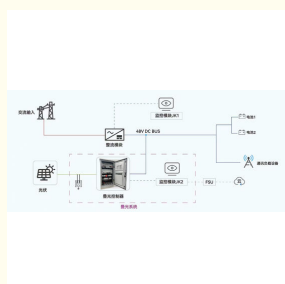


Product Specification

- Specification: 5kw
- Load Power (w): 10kw
- Output Voltage (v): AC 110V/220V



More Images



Product Description

Product Description:

With the Industrial and Commercial Energy Storage System, businesses can store and manage their excess energy supply, ensuring that they have a reliable backup power source when they need it. This product is especially useful for businesses that rely on energy-intensive operations, as it helps to mitigate the risks associated with power outages and energy surges.

The Industrial and Commercial Energy Storage System is designed to be highly efficient, allowing businesses to save on energy costs in the long run. By storing excess energy during low-demand periods and using it during peak periods, businesses can reduce their reliance on the grid and save on energy costs. Additionally, this energy storage system is designed to be low-maintenance, making it a cost-effective option for businesses looking to reduce their overall energy expenses.

This energy storage system is also highly customizable, allowing businesses to tailor it to their specific energy needs. Whether you're looking to store excess solar energy or simply need a backup power source for your operations, the Industrial and Commercial Energy Storage System can be configured to meet your needs.

The Industrial and Commercial Energy Storage System is designed to be highly reliable, with built-in safety features that protect against overcharging and overheating. This ensures that your energy storage system will remain operational even in the event of unexpected power surges or outages.

This energy storage system is also highly scalable, allowing businesses to expand their energy storage capacity as needed. This makes it an ideal solution for businesses that are looking to grow and scale their operations over time.

Overall, the Industrial and Commercial Energy Storage System is an ideal solution for businesses looking for a reliable and efficient energy storage setup. With its customizable design, high efficiency, and low maintenance costs, this energy storage system can help businesses save on energy costs while ensuring that they have a reliable backup power source.

Features:

Product Name: Industrial And Commercial Energy Storage System

Industrial and Commercial Energy Storage Station

Commercial and Industrial Energy Storage Facility

Large Business Energy Storage Setup

Advanced battery management system

High-capacity lithium-ion batteries

Smart energy management software

Efficient and reliable energy storage solution

Flexible installation options

Scalable design to meet changing energy needs

Reduced energy costs and carbon footprint

Enhanced power quality and grid stability

Remote monitoring and control capabilities

24/7 technical support and maintenance services

Technical Parameters:

Product Attribute	Description
Product Name	Industrial and Commercial Energy Storage Station
Product Type	Enterprise Energy Storage System
Application	Corporate and Commercial Energy Storage Solution
Capacity	Customizable from 100kWh to 1MWh
Output Power	Customizable from 100kW to 1MW
Battery Type	Lithium-Ion
Battery Life	10 years
Efficiency	Up to 98%
Communication	RS485, CAN, Ethernet
Warranty	5 years

Applications:

The dacin ODC-210909C2T-200AH Industrial and Commercial Energy Storage System is an ideal solution for large business energy storage setups and industrial and commercial battery storage systems. This system is designed to provide backup power during power outages and reduce energy costs by storing excess energy during off-peak hours.

With its CE certification and origin from SHENZHEN, customers can be assured of the quality and reliability of the product. The minimum order quantity for this product is 10 and the price is 6000USD. Payment terms are t/t and the supply ability is 10,000 Taiwan/month. Delivery time is estimated to be 30 days and packaging details include a wooden crate/cardboard box.

The daxin Industrial and Commercial Energy Storage Station is suitable for a variety of applications and scenarios. It can be used in industries that require uninterrupted power supply such as data centers, hospitals, and manufacturing plants. The system can also be used in commercial buildings such as shopping malls, hotels, and office buildings to reduce energy costs and improve energy efficiency. In addition, the system is also suitable for renewable energy applications such as solar and wind power. The system can store excess energy generated during peak hours and release it during off-peak hours, reducing the need for grid power and increasing the efficiency of renewable energy systems.

Overall, the daxin Industrial and Commercial Energy Storage System is a reliable and cost-effective solution for businesses looking to reduce their energy costs and improve their energy efficiency. With its high-quality construction and versatile applications, this system is an essential component for any large business energy storage setup and industrial and commercial battery storage system.

Support and Services:

The Industrial and Commercial Energy Storage System product provides technical support and services to ensure that our customers receive the best performance from their energy storage solutions. Our team of experts is available to assist with system design, installation, and commissioning. We also offer ongoing maintenance services, including remote system monitoring and diagnostic services, to ensure that our products operate at peak efficiency. Our technical support team is available to assist with any technical issues that may arise with our products. We also offer training programs to help our customers better understand the operation and maintenance of our energy storage systems.

Packing and Shipping:

Product Packaging:

The Industrial And Commercial Energy Storage System product will be packaged securely in a sturdy cardboard box to ensure safe transportation. The box will be labeled clearly with the product name, model number, and handling instructions.

Shipping:

We offer free shipping for the Industrial And Commercial Energy Storage System product to all customers within the United States.

International shipping is available at an additional cost.

Once your order is processed, the product will be shipped within 2-3 business days. You will receive a confirmation email with a tracking number once your order has been shipped.

FAQ:

Q: What is the brand name of this product?

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

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

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

Q: What certifications does this product have?

A: This product is certified with CE.

Q: Where is this product manufactured?

A: This product is manufactured in SHENZHEN.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 10.

Q: What is the price of this product?

A: The price of this product is 6000USD.

Q: What are the payment terms for this product?

A: The payment terms for this product are t/t.

Q: What is the supply ability for this product?

A: The supply ability for this product is 10,000 Taiwan/month.

Q: What is the delivery time for this product?

A: The delivery time for this product is 30 days.

Q: What are the packaging details for this product?

A: The packaging details for this product are wooden crate/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 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



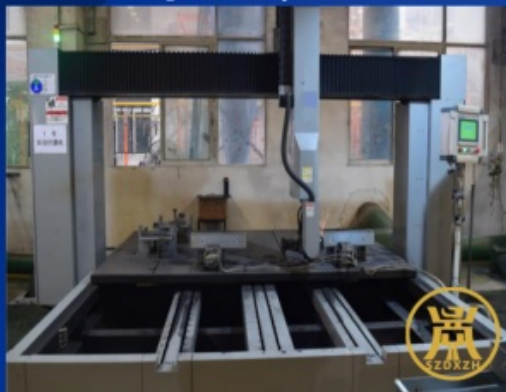
Key Process - Welding Workshop



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



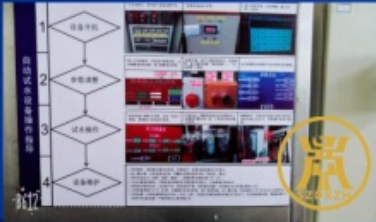
Outdoor cabinet product assembly line



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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