

Customizable Large-scale Energy Storage Solution for Large-scale Applications

Our Product Introduction

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

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Product Description

Product Description:

The Industrial and Commercial Energy Storage System is designed to meet the energy storage needs of a variety of industries, including manufacturing, healthcare, hospitality, and retail. It is a powerful and flexible system that can be customized to meet the specific needs of any business, regardless of size or complexity.

The Industrial and Commercial Energy Storage System is an ideal solution for businesses looking to reduce their energy costs and improve their energy efficiency. It is a highly scalable system that can be expanded as the energy storage needs of a business grow, ensuring that businesses are always able to meet their energy demands.

The Industrial and Commercial Energy Storage System is a highly reliable system that is designed to provide uninterrupted power to businesses, even in the event of a power outage or other emergency. It is a robust and durable system that is built to withstand the rigors of industrial and commercial use, ensuring that businesses can rely on it for years to come.

The Industrial and Commercial Energy Storage System is also an environmentally friendly solution that helps businesses reduce their carbon footprint. It is a clean and sustainable energy source that can help businesses meet their sustainability goals and contribute to a healthier environment.

The Industrial and Commercial Energy Storage System is a comprehensive energy storage solution that includes a range of features and benefits. These include:

Scalable design that can be customized to meet the specific energy needs of any business

Highly reliable and durable system that is built to withstand the rigors of industrial and commercial use

Advanced monitoring and control capabilities that allow businesses to manage their energy usage in real-time

Integrated safety features that ensure the system is safe and secure to use

Environmentally friendly design that helps businesses reduce their carbon footprint and contribute to a healthier planet

The Industrial and Commercial Energy Storage System is a comprehensive and reliable energy storage solution that is perfect for businesses of all sizes. Whether you are looking to reduce your energy costs, improve your energy efficiency, or meet your sustainability goals, the Industrial and Commercial Energy Storage System can help you achieve your objectives.

Overall, the Industrial and Commercial Energy Storage System is a powerful and flexible energy storage solution that is designed to meet the unique needs of modern businesses. It is a highly reliable and efficient system that can help businesses reduce their energy costs, improve their energy efficiency, and contribute to a healthier planet.

Features:

Product Name: Industrial And Commercial Energy Storage System

Enterprise Energy Storage System

Business and Industry Energy Storage Unit

Large Business Energy Storage Setup

High-capacity battery storage

Scalable design for customizable energy storage needs

Advanced energy management software

Intelligent energy monitoring and control capabilities

Supports integration with renewable energy sources

Designed for easy installation and maintenance

Robust safety features for reliable operation

Technical Parameters:

Attribute	Description
Product Name	Industrial and Commercial Energy Storage System
Product Type	Corporate and Commercial Energy Storage Solution
Application	Big Business Energy Storage Device
Capacity	10 kWh - 1 MWh
Output Power	10 kW - 1 MW
Battery Type	Lithium-ion
Efficiency	95% - 98%
Warranty	10 years

Applications:

The Industrial and Commercial Energy Storage Station is an ideal solution for businesses and industries that require a stable and continuous power supply. It is suitable for use in a variety of settings, including factories, warehouses, and data centers. This energy storage system can provide backup power and help reduce peak energy demand, which can lead to significant cost savings for businesses.

The Business and Industry Energy Storage Unit is also a great option for renewable energy systems, such as solar or wind power. By

storing excess energy generated during peak production times, this energy storage system can help businesses and industries reduce their reliance on the grid and increase their energy independence.

Corporate and Commercial Energy Storage Solution is also suitable for emergency situations, such as power outages or natural disasters. The daxin ODC-210909C2T-200AH Industrial and Commercial Energy Storage System can provide backup power to critical infrastructure, such as hospitals or government buildings, ensuring the safety and security of employees and customers.

With a supply ability of 10,000 Taiwan/month and a delivery time of 30 days, the daxin ODC-210909C2T-200AH Industrial and Commercial Energy Storage System is a reliable and efficient solution for businesses and industries. It is packaged in a sturdy wooden crate or cardboard box to ensure safe delivery to the desired location.

Overall, the daxin ODC-210909C2T-200AH Industrial and Commercial Energy Storage System is a versatile and reliable product that can provide a variety of energy storage solutions for businesses and industries. Whether it is for backup power, peak demand reduction, renewable energy systems, or emergency situations, this energy storage system is a great investment for any business or industry.

Support and Services:

The Industrial and Commercial Energy Storage System is a high-performance energy storage solution designed for industrial and commercial applications. Our product technical support team is available to assist with any questions or issues related to the installation, commissioning, and operation of the system.

We also offer a range of services to ensure that the system is operating at maximum efficiency, including:

Remote monitoring and diagnostic services

Regular maintenance and inspection services

System upgrades and retrofits

Training and education programs for operators and maintenance personnel

Our goal is to provide our customers with the highest level of support and service to ensure that their energy storage system is always operating at peak performance.

Packing and Shipping:

Product Packaging:

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

All necessary components will be included in the package, including the battery, cables, and installation instructions.

The packaging will also include foam inserts to protect the product from damage during shipping.

Shipping:

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

Shipping will be available to all locations within the United States.

Shipping times may vary depending on the destination, but we will provide tracking information so you can monitor the progress of your shipment.

FAQ:

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

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

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

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

Q: Is the energy storage system certified?

A: Yes, the energy storage system is certified with CE.

Q: Where is the energy storage system made?

A: The energy storage system is made in SHENZHEN.

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

A: The minimum order quantity for the energy storage system is 10.

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

A: The price of the energy storage system is 6000USD.

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

A: The payment terms for the energy storage system are t/t.

Q: What is the supply ability for the energy storage system?

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

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

A: The delivery time for the energy storage system is 30 days.

Q: What are the packaging details for the energy storage system?

A: The packaging details for the energy storage system 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 * 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-PS482002-6U	<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)



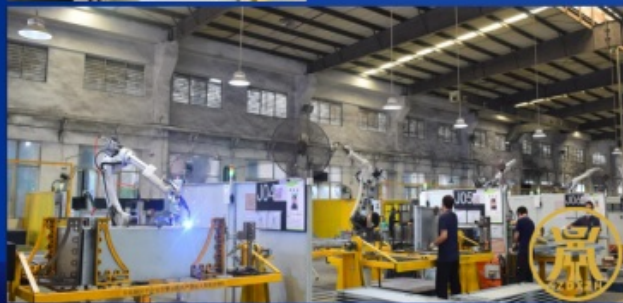
- Copper bar integrated machine: 2 units
- Model: LID-30
- Features: high-precision automatic cutting and punching



Key Process - Welding Workshop

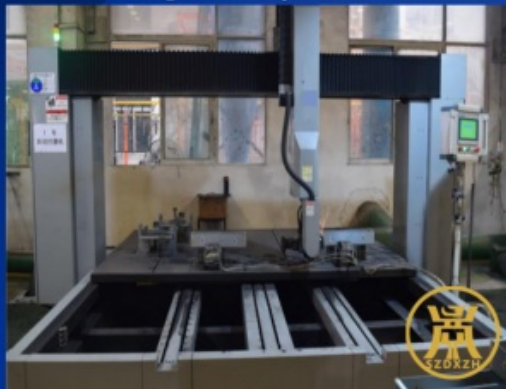


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate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

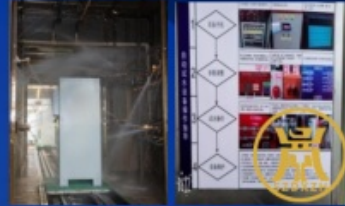
Key Process - Product Assembly Workshop



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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