

IP55 Protection Level Solar Photovoltaic Liquid Cooled Energy Storage System for Commercial Power Backup Needs

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: daxin
- Certification: CE
- Model Number: DX-CESS-100KW/215KWH
- 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

- Protection Level: IP55
- Product Name: 500W Cooling Capacity Industrial And Commercial Energy Storage System CE Certified For Outdoor Events
- Product Category: Industrial And Commercial Energy Storage System
- Manufacturer: Shenzhen
- Name: Solar Photovoltaic Liquid Cooled Energy Storage System For Commercial Power Backup
- Highlight: **Commercial Power Backup Energy Storage System**
, IP55 Protection Level Energy Storage System



Product Description

Solar photovoltaic liquid cooled energy storage system for commercial power backup

Product Description:

The BESS Energy Storage System is designed to work seamlessly with renewable energy sources such as solar and wind power. It is capable of storing excess energy generated during periods of low demand and releasing it during peak hours, thus reducing energy costs and improving overall energy efficiency. The system is equipped with a 500W air conditioning unit, which ensures that the system operates efficiently even in harsh outdoor environments.

The Industrial and Commercial Energy Storage System is CE certified, ensuring that it meets the highest safety and quality standards. The system is also designed to be easy to install, operate, and maintain. It comes with intelligent controls that allow users to monitor and control the energy storage system remotely, making it an ideal solution for applications that require remote monitoring and control. The minimum order quantity for the Industrial and Commercial Energy Storage System is 10 units, making it a cost-effective solution for large-scale commercial and industrial applications. The product category for this system is Industrial and Commercial Energy Storage System, making it an ideal solution for a wide range of applications.

The price of the 500W Cooling Capacity Industrial and Commercial Energy Storage System CE Certified for Outdoor Events is \$1900, making it an affordable solution for businesses and organizations that require reliable and efficient energy storage solutions. With its advanced features and robust design, the Industrial and Commercial Energy Storage System is a top-of-the-line energy storage solution that is built to last.

Solar photovoltaic liquid cooled energy storage system for commercial power backup

Features:

Product Name: Industrial And Commercial Energy Storage System

Product Category: Industrial And Commercial Energy Storage System

Brand Name: daxin

Price: \$1900

Applications:

Telecommunications

Transportation

Renewable Energy

Outdoor Events

Model Number: ODC-210909C2T-200AH

Features:

Industrial and Commercial Energy Storage System

All-in-one Commercial Energy Storage Cabinet

Provides reliable and efficient power for various applications

Designed for easy installation and maintenance

Long-lasting and high-performance lithium-ion batteries

Intelligent battery management system for optimal performance and safety

Compatible with solar panels for Home Solar Energy Storage System

Solar photovoltaic liquid cooled energy storage system for commercial power backup

Technical Parameters:

Brand Name:	daxin
Minimum Order Quantity:	10
Certification:	CE
Price:	1900
Product Name:	500W Cooling Capacity Industrial And Commercial Energy Storage System CE Certified for Outdoor Events
Layout:	2 Compartments
Jacket Od:	3.0mm
Cooling Capacity:	500W (air conditioner)
Manufacturer:	Shenzhen
Applications:	Telecommunications, Transportation, Renewable Energy, Outdoor Events

Solar photovoltaic liquid cooled energy storage system for commercial power backup

Applications:

This energy storage system is ideal for use in a variety of different scenarios and occasions. It is suitable for use in factories and warehouses where there is a high demand for energy, as well as in office buildings and shopping centers. It can also be used in hospitals and other medical facilities where uninterrupted power supply is critical.

The daxin Industrial and Commercial Energy Storage System is also an ideal solution for grid power peak shaving, demand response, and frequency regulation. It can be used in conjunction with renewable energy sources such as wind turbines and solar panels, making it a great choice for home solar energy storage systems.

The product's internal size is W×D×H 900×900×2150mm, with a layout of 2 compartments. It has a protection level of IP55, which makes it suitable for use in harsh environments. The product is delivered in a wooden crate or cardboard box and has a minimum order quantity of 10 units. The price of the daxin Industrial and Commercial Energy Storage System is 6000 USD, and payment terms are T/T.

daxin has a supply ability of up to 10,000 units per month, and delivery time is 30 days. The product is designed to provide a reliable and efficient energy storage solution for a wide range of applications. Whether you are looking for a home battery energy storage system, industrial and commercial energy storage system, or a home solar energy storage system, the daxin ODC-210909C2T-200AH Industrial and Commercial Energy Storage System is the perfect choice.

Solar photovoltaic liquid cooled energy storage system for commercial power backup

Support and Services:

The Industrial and Commercial Energy Storage System product offers technical support and services to ensure reliable performance and optimal operation. Our team of experts is available to provide assistance with installation, commissioning, and ongoing maintenance. We offer regular system monitoring and analysis to identify any potential issues and provide timely solutions to prevent downtime. Our technical support team is also available to provide training to ensure that your staff is fully equipped to operate and maintain the system. Additionally, we offer remote support and troubleshooting services to quickly resolve any issues that may arise.

Solar photovoltaic liquid cooled energy storage system for commercial power backup

Packing and Shipping:

Product Packaging:

The Industrial And Commercial Energy Storage System will be packaged securely to ensure safe transportation. The components will be carefully placed inside a sturdy cardboard box with appropriate cushioning materials to prevent any damage during shipping.

Shipping:

This product will be shipped via a reputable carrier service to ensure timely and safe delivery. The shipping cost will be calculated based on the weight and destination of the package. Customers will receive a tracking number to monitor the status of their shipment. Delivery times may vary depending on the location of the customer, but we strive to deliver all orders as quickly as possible.

Solar photovoltaic liquid cooled energy storage system for commercial power backup

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: Does this energy storage system have any certification?

A: Yes, it has CE certification.

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 purchasing 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 Taiwan/month.

Q: How long does it take to deliver this energy storage system?

A: The delivery time is 30 days.

Q: How is this energy storage system packaged?

A: It is packaged in a wooden crate or cardboard box.



80kWh

100kWh

120kWh

130kWh

Battery Specifications

Model No	R80K	R100K	R120K	R130K
Nominal Capacity	81.92kWh	102.4kWh	122.88kWh	133.12kWh
Cell Matching	128S1P	160S1P	192S1P	208S1P
Nominal Voltage	409.6V	512V	614.4V	665.6V
Working Voltage Range	176 ~ 233.6V	264 ~ 350V	440 ~ 584V	598 ~ 728V
Weight	969.6kgs / 2138 lbs	1172kgs / 2584 lbs	1294.4kgs / 2854 lbs	1456.8kgs / 3212 lbs
Dimension (W*D*H)	1700*1200*1700mm / 66.9*47.2*66.9 in			
Battery Type	LiFePO4 Battery			
Nominal Working Current	100A			
Communication Port	CAN/TCP/IP			
Working Temperature Range	Charge:0-55°C/Discharge:-20-55°C			
Waterproof	IP20			
Installation Method	Floor-standing			
Cycle Life	6500			
Peak Charge/Discharge Current (@25°C,5S)	200A			
Discharge Rate of Module	< 3.5%/month/@25°C			





*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)



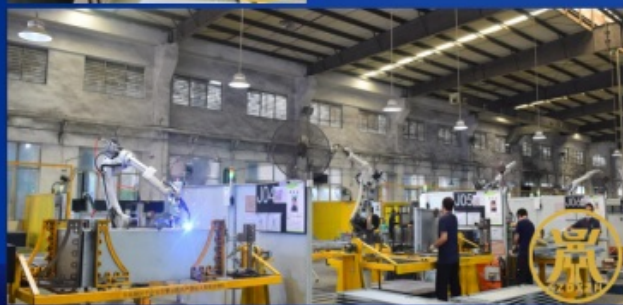
- Copper bar integrated machine: 2 units
- Model: LID-30
- Features: high-precision automatic cutting and punching



Key Process - Welding Workshop

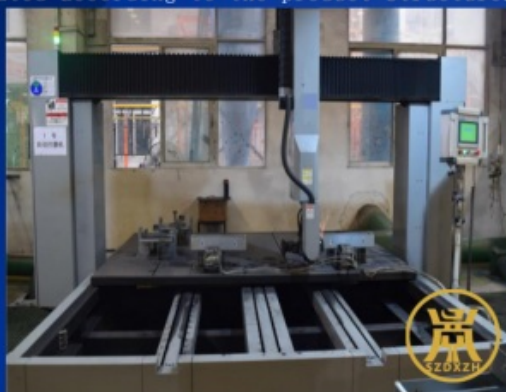


Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate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

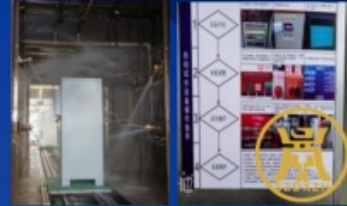
Key Process - Product Assembly Workshop



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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