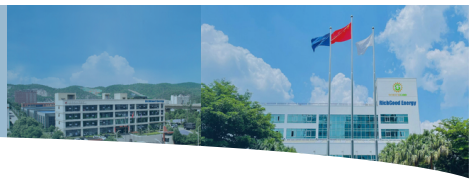

Lithium Battery Storage for Large-Scale Industrial and Commercial Applications 372kWh High-Voltage Energy Storage System

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SHEL
- Certification: UN38.3, IEC62619, UL1973, UL9540, CE-EMC
- Model Number: B372LS
- Minimum Order Quantity: 1 unit
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T
- Supply Ability: consult online

Liquid-cooled Battery Cabinet -B372LS

Product Specification

- Rated Energy: 372kWh
- Rated Voltage: 1331.2Vdc
- DC Voltage Range: 1165~1498Vdc
- PACK Ingress Rating: IP65
- Dimensions (W*D*H): 1,300*1,300*2,400 (mm)
- Configuration: 1P416S
- Highlight: **industrial lithium battery storage**, **industrial commercial energy solutions**, **commercial lithium battery storage**

Our Product Introduction

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Product Description

Lithium Battery Storage for Large-Scale Industrial and Commercial Applications 372kWh High-Voltage Energy Storage System

The liquid-cooled battery cabinet adopts advanced cabinet-level liquid cooling and temperature balancing strategy. The cell temperature difference is less than 3°C, which further improves the consistency of cell temperature and extends the battery life. The modular design makes the parallel solution more flexible and can be combined with the centralized PCS to form an ESS with higher energy density, which significantly improves the economy, safety and construction convenience of ESS projects.

Product Description

The **372kWh High-Voltage Energy Storage System** is a state-of-the-art solution designed for large-scale industrial and commercial applications. With a robust **1P416S configuration** and a rated voltage of **1331.2Vdc**, this system delivers unmatched performance in high-demand energy scenarios. Its wide DC voltage range of **1165~1498Vdc** ensures compatibility with a variety of power systems, while the **liquid cooling** mechanism provides efficient thermal management, maintaining optimal performance in operating temperatures between **-25°C and 55°C**.

This energy storage system prioritizes safety with dual fire protection mechanisms, including **NOVEC1230 and aerosol fire suppression**, and is enclosed in a durable **IP55-rated** system cabinet with **IP65-rated PACKs** for added environmental protection. Compact dimensions of **1,300*1,300*2,400mm** and certifications like **UN38.3, IEC62619, UL1973, UL9540, and CE-EMC** make this system a reliable and scalable choice for global energy projects.

Item	Specification
Configuration	1P416S
Rated Energy	372kWh
Rated Voltage	1331.2Vdc
DC Voltage Range	1165~1498Vdc
PACK Ingress Rating	IP65
Rated Charge/Discharge Rate	0.5C
Operating Temperature	-25°C~55°C
Fire Safety	NOVEC1230/aerosol
Ingress Rating	IP55
Cooling	Liquid cooling
Altitude	≤2,000m(derating above 2,000m)
Dimensions(W*D*H)	1,300*1,300*2,400(mm)
Compliance	UN38.3,IEC62619,UL1973,UL9540,CE-EMC

Application Scenarios

High-Performance Industrial Backup:

The **372kWh Energy Storage System** is tailored for industries requiring uninterrupted power supply to critical processes. Its high voltage and robust build ensure a stable energy output, while its rapid charge/discharge rate of **0.5C** makes it capable of meeting sudden spikes in power demand. Ideal for manufacturing plants, data centers, and heavy industry, it provides cost-efficient energy backup with minimal operational downtime.

Renewable Energy Integration and Grid Support:

Designed to complement renewable energy projects, this system excels in storing surplus power generated by solar or wind farms, stabilizing energy supply for consistent grid integration. Its high cycle life of **≥8,000 cycles** ensures long-term reliability, while the compact and modular design facilitates seamless deployment in both grid-tied and off-grid systems. The advanced cooling and fire safety features enhance reliability, even in extreme environmental conditions.

The **372kWh High-Voltage Energy Storage System** is a versatile and durable energy solution, setting new standards in safety, efficiency, and adaptability to meet the demands of modern energy management systems.

Shipping Methods

Supports global air and sea shipping

If you require more detailed product information or have customized requests, please contact us. Providing efficient service that satisfies our customers is our responsibility.

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