

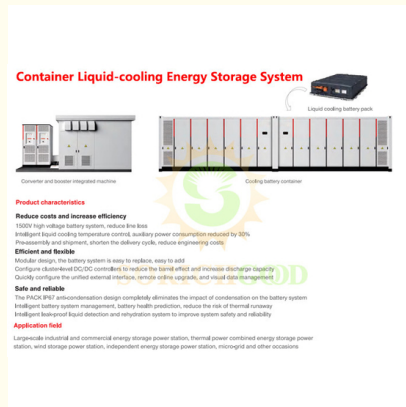


3440kWh Peak And Off Peak Electricity Rates Made Easy With Lithium Battery Storage

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: GB/T36276-2018 IEC62619 UL1971 UL9540A
- Model Number: CBSS
- Minimum Order Quantity: 1 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Energy: 3440 KWh
- Rated Power: 3450 KVA
- Cell Configuration: 2×384S10P, 2×3440 KWh
- Life Cycle: 6000 Times
- Battery Voltage Range: 1075.2~1382.4V
- Highlight: **3440kWh Lithium Battery Storage,
3450 KVA Lithium Battery Storage,
1382.4V Li ion energy**

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Product Description

3440 kWh Peak and Off-Peak Electricity Rates Made Easy with Lithium Battery Storage

Product Description

The product is a high-capacity industrial and commercial energy storage system featuring advanced lithium iron phosphate (LiFePO₄) battery cells. It is designed for large-scale energy storage applications, providing high security, long life cycles, and high efficiency. The system utilizes a liquid cooling method for optimal performance and longevity. Its modular design ensures flexibility for site layout and ease of installation, with parallel expansion possible at any time. The system is compatible with both grid-connected and off-grid operations and comes with multiple protection mechanisms, including fire suppression and thermal runaway prevention.

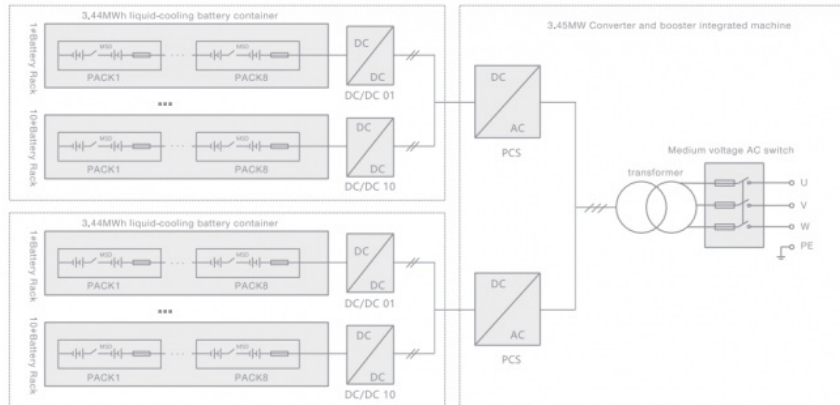
AC Side	PowerRating	3450kVA
	Rated Voltage	35kV/10kV (optional)
	Grid Voltage Range	35kV/10kV $\pm$ 2*2.5%
	PowerFactor	>0.99 (at rated power)
	Reactive Power Adjustable Range	-105%~105%
	Rated Grid Frequency	50Hz
	Grid Frequency Range	45~55Hz
	AC Current Distortion Rate	<3%(at rated power)
	DC Component	<0.5%
	Isolation Mode	Transformer isolation
DC Side	Battery Type	Lithium iron phosphate 3.2V/280Ah
	System BatteryConfiguration	2×384S10P
	Battery Rated Capacity	2×3440kWh
	Battery Voltage Range	1075.2~1382.4V
	BMS Communication Interface	485 Communication/CAN/Ethernet
	BMS Communication Protocol	Modbus TCP
	Dimensions of Converterand BoosterIntegrated Machine	6058×2438×3000 (W×D×H,mm)
	Dimensions of Liquid-cooling Battery Container	6058×2438×2896 (W×D×H,mm)
	Weight of Converter and BoosterIntegrated Machine	<16t
	Weight of Liquid-cooling Battery Container	<35 t
	Degree of Protection	IP54
	Battery Charge/Discharge Operating Temperature	0°C~55°C/-20°C~55°C
System	Operating Humidity Range	0~95%(Non-condensing)
Paramet er	Standard Altitude	<2000m(>2000m,derating
	Battery Temperature Control Mode	liquid-cooling
	Converter Cooling Method	Forced aircooling
	Fire Suppression	NOVEC 1230/FM200
	System Communication Interface	Ethernet/RS485
	ExternalSystem Communication Protocol	Modbus RTU,Modbus TCP,IEC61850,IEC104
	Compliance	GB/T36276- 2018,IEC62619,UL1971,UL9540A
Remarks:Specifications are subject tochange without notice;Special voltage and power requirements can be customized designed		

Application

This energy storage system is ideal for large-scale industrial parks, smart grids, thermal power combined storage stations, and independent microgrid applications. It is particularly suited for regions with significant price differences between peak and off-peak electricity rates, and for industrial applications where dual-rate electricity consumption fluctuates throughout the day.

Application field

Large-scale industrial and commercial energy storage power station, thermal power combined energy storage power station, wind storage power station, independent energy storage power station, micro-grid and other occasions



Product characteristics

Reduce costs and increase efficiency

1500V high voltage battery system, reduce line loss
Intelligent liquid cooling temperature control, auxiliary power consumption reduced by 30%
Pre-assembly and shipment, shorten the delivery cycle, reduce engineering costs

Efficient and flexible

Modular design, the battery system is easy to replace, easy to add
Configure cluster-level DC/DC controllers to reduce the barrel effect and increase discharge capacity
Quickly configure the unified external interface, remote online upgrade, and visual data management

Safe and reliable

The PACK IP67 anti-condensation design completely eliminates the impact of condensation on the battery system
Intelligent battery system management, battery health prediction, reduce the risk of thermal runaway
Intelligent leak-proof liquid detection and rehydration system to improve system safety and reliability

Shipping Methods

Supports global air and sea shipping.



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