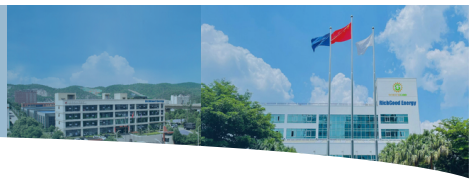

105kWh 233kWh OL Liquid Cooled Outdoor Cabinet L2 Lithium Ion Battery Storage

Our Product Introduction

Basic Information

- Brand Name: DS
- Model Number: DS-OLL
- Minimum Order Quantity: 6 set
- Price: consult prices online
- Packaging Details: consult prices online
- Payment Terms: T/T

Liquid cooled outdoor cabinet L2 105kW/233kWh

Product Specification

- Rated Battery Capacity: 233kWh
- Battery Cycle Life: 8000 Cycles
- Maximum Efficiency: 98.50%
- Operating Temperature: -30°C To 55°C (with Derating Above 45°C)
- Cooling Method: Liquid Cooling
- Protection Level: IP54
- System Customizability: Optional PV DC-DC Conversion, STS Switching
- Dimensions: 1692mm *1385mm * 2220mm
- Highlight: **233kWh lithium ion battery storage**, **105kWh lithium ion battery storage**, **IP54 lithium ion energy**

Our Product Introduction

Product Description

105kWh 233kWh OL Liquid-Cooled Outdoor Cabinet L2 High-Efficiency Lithium Battery Storage

Product Description

The OL Liquid-Cooled Outdoor Cabinet L2 (105kW/233kWh) is engineered for high-demand energy storage applications where both performance and longevity are critical. This cabinet is powered by high-efficiency lithium iron phosphate (LFP) batteries, featuring 280Ah large-capacity cells with an 8000-cycle lifespan, ensuring stable and durable power supply. The advanced liquid cooling system is a key feature, effectively managing battery temperature to enhance performance and extend lifespan. This system is particularly suited for installations in challenging environments where heat management is crucial. Additionally, the cabinet is highly customizable with optional photovoltaic (PV) DC-DC converters and rapid STS (Static Transfer Switch) switching, making it adaptable for various applications, from industrial to renewable energy projects.

Technicle Specifications	
Model DZ105233L2	
DC Side	
Rated Battery Capacity	233kWh
Rated Battery Voltage	832V
Battery Voltage Range	780V-936V
Battery Type	LFP
Cell Capacity	280Ah
Cycde Life	8000 cydes (0.5C,5%~95%DOD,70%SOH)
Standard Charge/Discharge Current	0.5C
Series-Parallel Connection Method	1P52S (5set)
Module Cooling Method	Liquid-cooling
AC Side	
RatedAC Power	105kW
Maximum Efficiency	98.50%
Rated AC Voltage	230/400V
Grid Voltage Range	320-460V
Rated AC Frequency	50/60Hz
Total Harmonic Distortion of Current THDI	<3%(Rated Power)
Power Factor	-1 Leading -+1 Lagging
Total Harmonic Distortion of Voltage THDI	<3%(Linear Load)
PCS Cooling Method	Air cooling

System Parameter	
Energy Cyde Efficiency	290%
Protection Level	IP54
Corrosion Protection Level	C3 by default,C4/C5 optional
Isolation Method	Non-isolated (Isolation transformer optional
Relative Humidity	0~95%(No condensation)
Operating Temperature	-30°C~55°C(derating above 45°C)
Cooling Method	Liguid Cooling
Altitude	<4000m(derating over 2000m)
BMS Communication	CAN2.0b
EMS Communication	4G/CAN/RS485
Dimensions (W*D*H)	1692mm*1385mm*2220mm
Weight (Approx.)	3000kg
Annual Degradation Rate	<3%
Warranty	5 years

Photovottaic DCDC Parameter (Optional)	
Maximum Input Component Power	100kW(50KW*2)
MPPT Vokage Range	200-850V
Number of MPPT Tracks	1-2 track
STS (Optional)	
Rated Power	200kW(grid side100kW,load side100kW)
Switching Time	s20ms

Application

The OL Liquid-Cooled Outdoor Cabinet L2 is ideal for critical infrastructure and industrial applications that require reliable, long-term energy storage solutions in challenging environments. Its advanced liquid cooling system makes it particularly suitable for high-temperature regions or installations where thermal management is a concern. The cabinet's high capacity and efficiency, combined with its customizable options, make it a perfect fit for large-scale renewable energy projects, data centers, and other mission-critical applications where uninterrupted power is essential. The flexibility to integrate with PV systems and the rapid switching capability further enhance its applicability in modern, high-demand energy landscapes.

Shipping Methods

Supports global air and sea shipping

RICHGOOD ENERGY CO.,LTD

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