



## 105kWh 233kWh High Capacity Lithium Power Storage For Industrial Settings

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: DS
- Model Number: DS-OL3
- Minimum Order Quantity: 6 set
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Liquid cooled outdoor cabinet L3 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 Compactness: Dimensions: 1000mm X 1300mm X 2320mm
- Cycle Efficiency:  $\geq 90\%$
- Highlight: **233kWh lithium power storage,  
105kWh lithium power storage,  
IP54 lithium storage battery**

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## Product Description

### 105kWh 233kWh High-Capacity and Durable Lithium Battery Storage for Industrial Settings

## Liquid cooled outdoor cabinet L3

105kW/233kWh



#### High-efficiency Lithium Iron Phosphate (LFP) Battery

280Ah large-capacity cells, with an 8000-cycle long lifespan, ensuring a durable and stable power supply.



#### Advanced Liquid Cooling System

Effectively reduces the temperature of the battery, enhancing its performance and lifespan.



#### Compact Energy Storage Equipment

Requires minimal space, easy to deploy, and suitable for various spatial environments.

### Product Description

The OL3 Liquid-Cooled Outdoor Cabinet L3 (105kW/233kWh) is the latest in advanced energy storage solutions, specifically designed for environments where space is at a premium, but high energy capacity is required. This cabinet features high-efficiency Lithium Iron Phosphate (LFP) batteries, with 280Ah large-capacity cells capable of delivering up to 8000 cycles, ensuring a long and stable power supply. What sets the L3 apart is its compact design, allowing it to be deployed easily in various spatial environments while still delivering powerful performance. The advanced liquid cooling system ensures optimal temperature management, enhancing the overall performance and lifespan of the battery system. Additionally, the cabinet is engineered to operate efficiently under harsh conditions, with a protection level of IP54 and a corrosion protection option, making it a robust choice for critical applications.

Technicle Specifications	
Model DZ105233L3	
DC Side	
Rated Battery Capacity	233kWh
Rated Battery Voltage	832V
Battery Voltage Range	780V-936V
Battery Type	LFP
Cell Capacity	280Ah
Cycle 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	
Rated AC 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%(RatedPower)
Power Factor	-1 Leading-+1 Lagging
Total Harmonic Distortion of Voltage THDI	<3%(Linear Load)
PCS Cooling Method	Air cooling

System Parameter	
Energy Cycle Efficiency	≥90%
Protection Level	IP54
Corrosion Protection Level	C3 by default,C4/C5optional
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	Liquid Cooling
Altitude	<4000m(derating over 2000m)
BMS Communication	CAN2.0b
EMSCommunication	4G/CAN/RS485

Dimensions (W*D*H)	1000 mm×1300 mm×2320 mm
Weight(Approx.)	2200kg
Annual Degradation Rate	<3%
Warranty	5 years

#### Application

The OL3 Liquid-Cooled Outdoor Cabinet L3 is ideal for urban and industrial settings where space is limited, but reliable and high-capacity energy storage is essential. Its compact size and advanced cooling technology make it suitable for deployment in dense urban areas, industrial parks, or even remote installations where conditions can be challenging. The cabinet's robust design, coupled with its high efficiency and long lifespan, makes it perfect for critical infrastructure, renewable energy integration, and other high-demand energy applications where minimal space and maximum performance are required.

#### Shipping Methods

Supports global air and sea shipping



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