

# MAXUS 100K 258KWH

## ENERGY STORAGE CABINET

*For Industrial &  
Commercial  
(Liquid Cooling)*

## PRODUCT ADVANTAGES

### Highly Integrated

Integrated design, Plug and Play, easy installation.

### Efficient and Flexible

Modular design, support for multiple parallel;

Applicable to various working conditions,

Flexible load configuration.

### iBMS

The New iBMS Realizes the Refined and Personalized Safety Management of the Battery Life Cycle.

### Cloud Security Warning

Full-dimensional Security Warning Function,

7\*24 Hours to Ensure the Safety of Battery Applications.

### Safe and Reliable

IP55 Protection Level; Passed Electrical Safety, System Safety, Electrochemical Safety, Mechanical Safety and Other Safety Tests.

### Intelligent and Friendly

Mobile App Monitoring the Product Operation Status and Revenue Data in Real Time.

### SOC Correction Algorithm

Greatly Improve the Soc Accuracy to 3% in the Application Scenario Without Full Discharge; Soc Correction Algorithm Prolongs the Battery Life by 15%.

### Thermal Management

Full-scene Thermal Simulation Analysis, Suitable for Complex Environments.

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## Product Spec.

Rated Capacity	258 kWh
Rated Power	100 kW
Nominal Voltage	380 Vac / Three-phase Four-wire
Max Apparent Power	110 kW
Rated Output Frequency	50 Hz
Unbalanced Load	100%
IP Protection Level	IP55
Cooling Method	Liquid Cooling
Noise	<65 db ( 1m From the System)
Size	W1578*D1400*H2132mm
Communication Interface	Ethernet
Communication Protocol	IEC60870-5-104, Modbus tcp, IEC61850-9



## Inside the Cabinet

- 01 System Monitoring
- 02 Meter
- 03 Surge Protection
- 04 PDU
- 05 Inverter Unit
- 06 Liquid Cooling System
- 07 Battery Pack
- 08 Ac Protection



## Liquid Cooled Battery Pack

The standard liquid-cooled battery box adopts the integrated the liquid cooling system in the bottom of the box, and consists of 4 standard modules in series to form a battery box with a voltage of 153.6V and a capacity of 280Ah.

