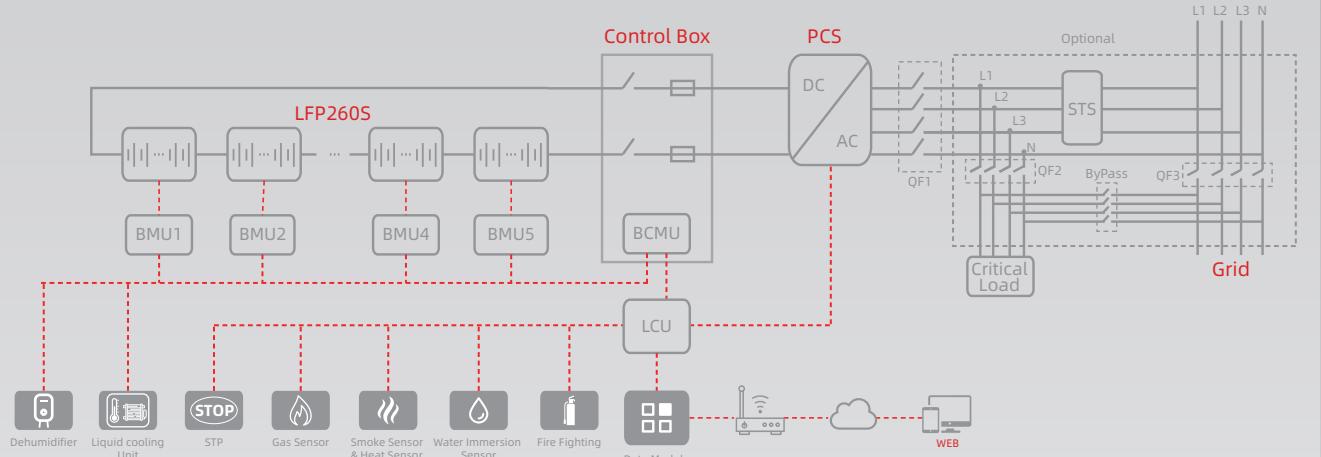


OASIS L261 All-in-One

125kW/261kWh Liquid-cooled All-in-One Storage Cabinet



Application Scenario



Peak shaving and valley filling

OASIS L261 All-in-One can store electricity from grid during "valley hours" and supply power during "peak hours" to balancing energy distribution. It also stores excess energy when renewable energy generation is high and generates when renewable energy is insufficient, to help maximize the use of clean energy.



Time of Use

The OASIS L261 All-in-One stores energy from the grid during low-cost periods and generates during high-cost periods, maximizing power plant profits and shortening the payback time.



Dynamic Capacity Extension

When the power load in industrial parks and other places experiences short-term peaks, the capacity of traditional transformers may be overloaded. By configuring the OASIS L261 All-in-One energy storage system, it is possible to discharge to supplement power during peak demand periods, reduce the actual load of the transformer, and achieve "dynamic capacity expansion".



Emergency Back-up

OASIS L261 All-in-One can be flexibly equipped with an STS for seamless on/off-grid switching in milliseconds. Its high reliability and power quality ensure uninterrupted supply for critical loads.



Remote Dispatching

OASIS L261 All-in-One is equipped with an intelligent LCU system, which enables real-time status monitoring and fault recording, and realizes fault early warning, fault location and remote upgrade. Supports external EMS connection to achieve remote dispatching, cluster control, energy efficiency management, making the global assets visible and digitalized, and improving management efficiency.

OASIS L261 All-in-One (125kW/261kWh)

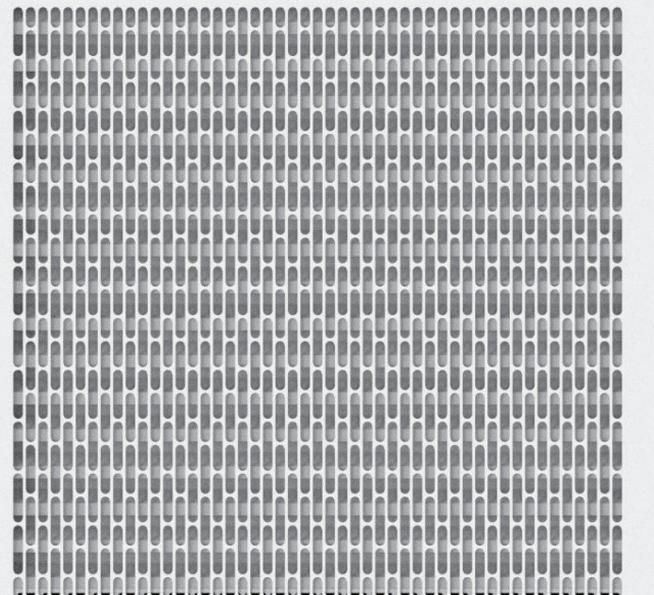
Product Model	CIESS-L-261
DC Side	
Cell Type	LFP
Cell Specification	3.2V 314Ah
PACK Capacity	52.2kWh
Rated Capacity	261kWh
Rated Voltage	832V
AC side (On-grid)	
Rated Output Power	125kW
THDi	< 3% (Rated Power)
Rated Voltage	400V (300~440V)
Rated Frequency	50/60Hz ($\pm 2.5\text{Hz}$)
Power Factor	-1 (Leading) ~ 1 (Lagging)
AC Side (off-grid, Optional STS Module)	
Rated Output Power	125kW
Wiring Method	3L+N
Rated Output Voltage	400V
Rated Output Frequency	50/60Hz
THDu	<3% (Linear load)
System Parameter	
Communication Interface	CAN/RS485/Internet
Cooling Mode	Liquid cooling
Installation Mode	Outdoor
Protection Grade	IP55
Ambient Temperature	-30°C~+55°C (> 45°C derating)
Ambient Humidity	5%~95% (no condensation)
Altitude	2000m
Cell Cycle Life	9000 times (25°C, 0.5C/0.5C, 90%DOD, EOL70%)*
Dimensions	980*2350*1390mm (W*H*D)
Weight	< 2400kg

* For warranty instructions, please refer to the warranty terms.

RUN ALM



OASIS
L261 All-in-One



OASIS L261 All-in-One

125kW/261kWh Liquid-cooled All-in-One Storage Cabinet

Long Life Cell

Adopting SUNWODA self-developed long life battery cells.

Multi-protection Design

Multiple sensors + aerosol fire suppression + anti-explosion valve + water fire protection port.

Flexible&Simple Installation

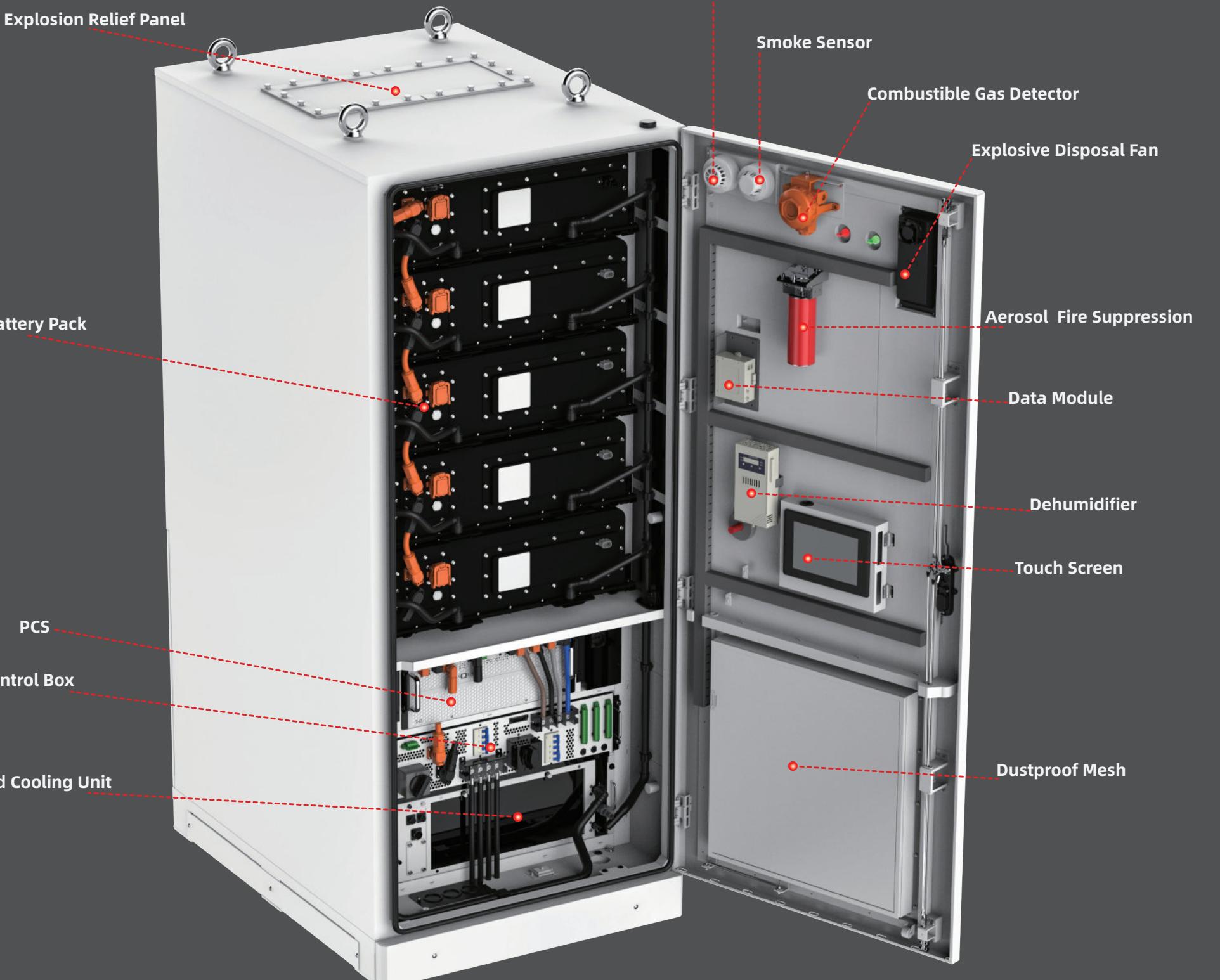
Modular design, all-in-one solution, plug and play, parallel expansion.

On&off-grid Operation

Automatic switching within 20ms, support micro-grid application.

Powerful Cooling

Efficient liquid cooling, perfectly adapts to high-temperature environments with longer service life.



Highlights

All-in-One

Support BAT+PCS+STS, flexible configuration.

Rapid Switching

On/Off-grid switching time <20 ms.

Ultimate Safety

Cluster level + system level + active detonation + partition security isolation + Water fire protection interface.

IP67

Pack-level IP67, cabinet IP55, strong environmental adaptability.



www.sunwodaenergy.com

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