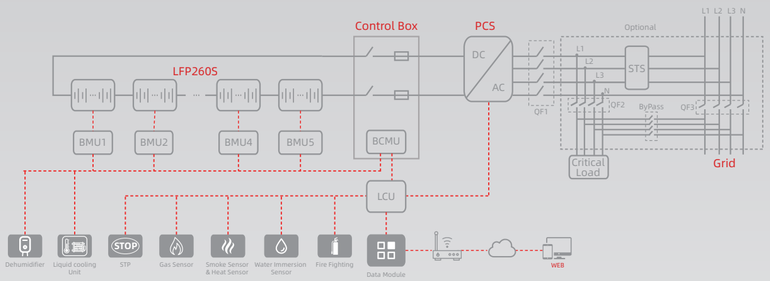
OASIS L261 All-in-One

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 helps 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 generate 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

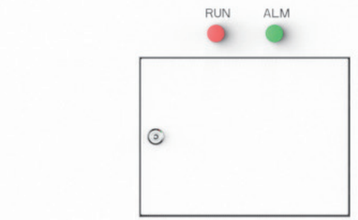
OASIS L261 All-in-One is equipped with an intelligent LCU system, which enables real-time status monitoring and fault recording, and realizes fault early warning, fault location and remote upgrade. Supports external EMS connection to achieve remote dispatching, cluster control, energy efficiency management,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

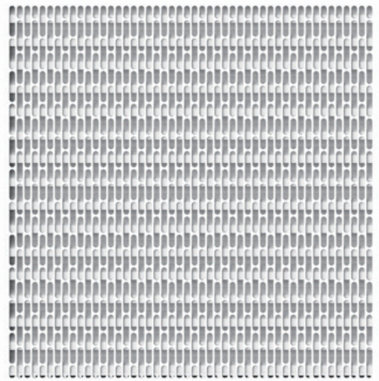
OASIS L261 All-in-One（125kW/261kWh）

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 (±2.5Hz)
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/Ethernet
Cooling Mode	Liquid cooling
Installation Mode	Outdoor
Protection Grade	IP55
Ambient Temperature	-30℃~+55℃ (> 45℃ derating)
Ambient Humidity	5%~95% (no condensation)
Altitude	2000m
Cell Cycle Life	9000 times (25℃, 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.

SUNWODA ENERGY





OASIS L261 All-in-One

OASIS L261 All-in-One

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

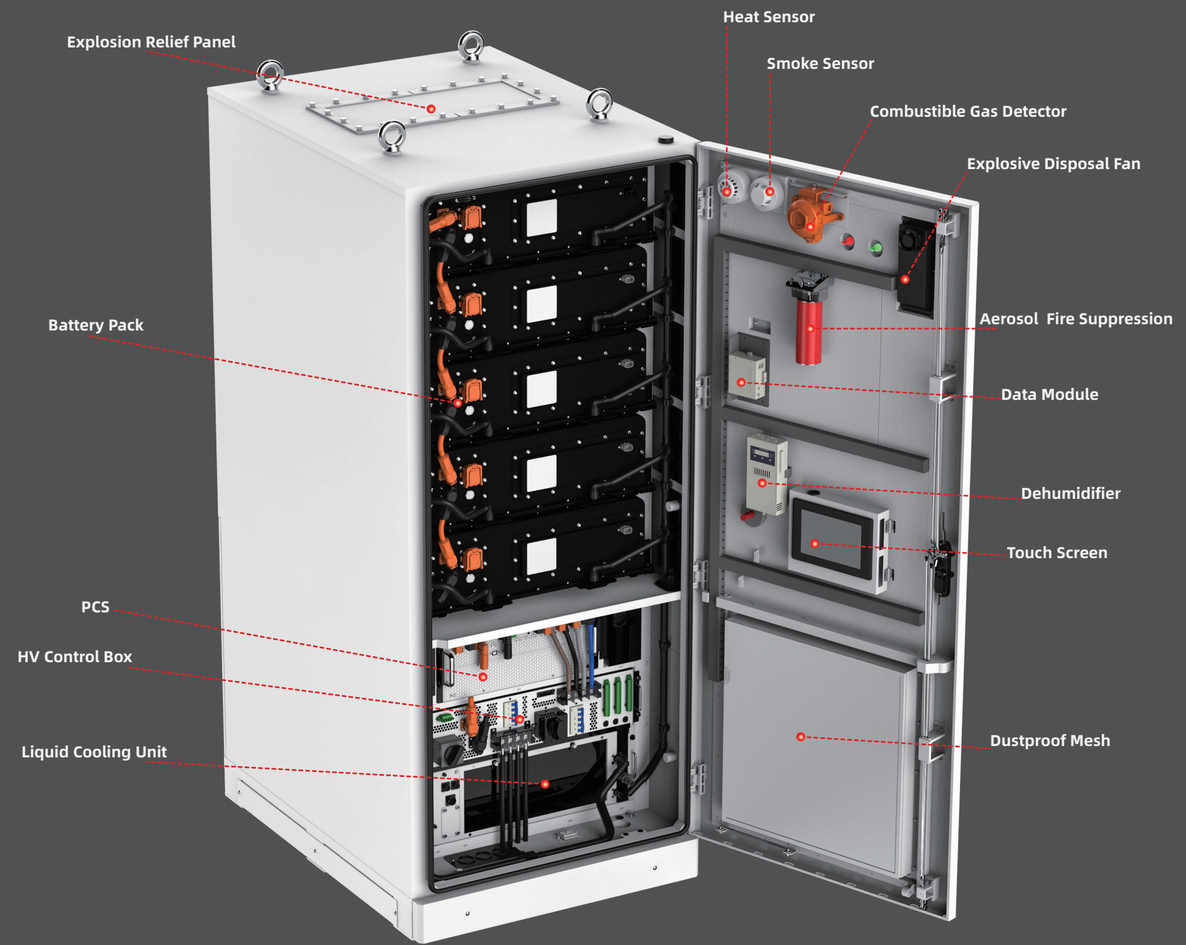
Long Life Cell
Adopting SUNWODA self-developed long life battery cells.

Multi-protection Design
Multiple sensors + arosol 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.

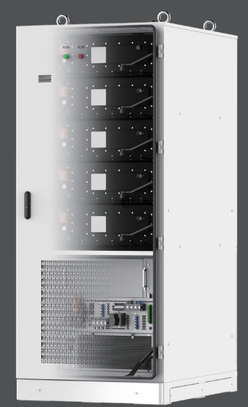
Rapid Switching
On/Off-grid switching time <20 ms.

Extreme Economy
Adopting SUNWODA self-developed 314Ah cell, longer lifetime and lower LCOE.

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

< 1.5m²
Floor area of single cabinet less than 1.5m².

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



www.sunwodaenergy.com

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