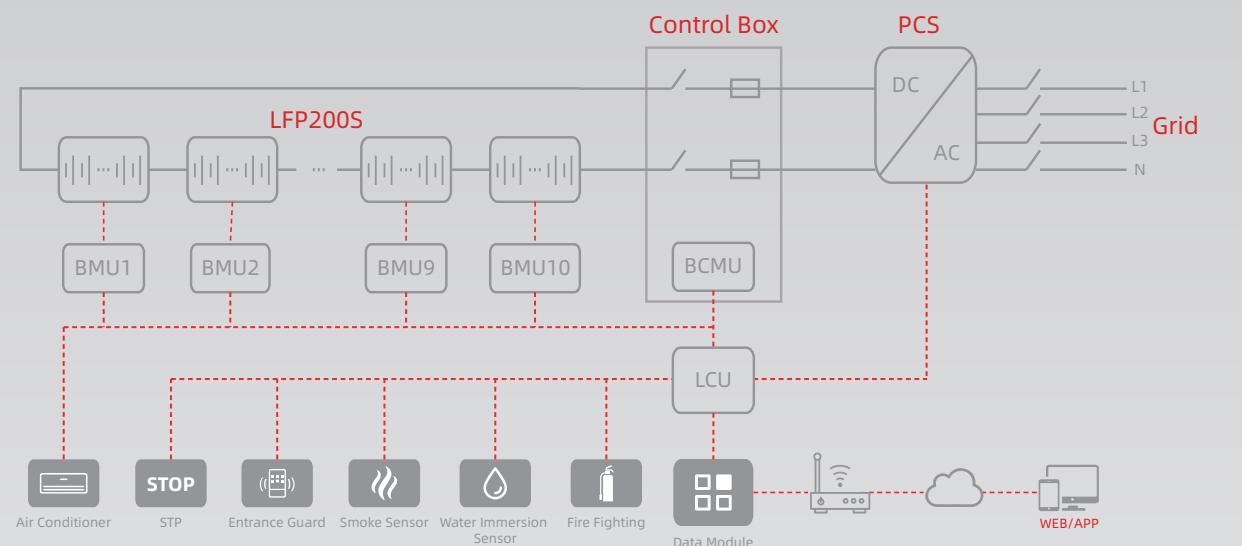


# OASIS A200 All-in-One

125kW/200kWh Air-cooled All-in-One Storage Cabinet



## Application Scenario



### PV and Storage Integration

OASIS A200 All-in-One adopts integrated system design, one-stop service, high system integration, flexible layout of the program, and with the use of PV, it can reduce the abandonment of light and improve the utilization rate of photovoltaic power generation.



### Peak shaving and valley filling

After installing OASIS A200 All-in-One, the user charges the energy storage system when the price is low, and takes electricity directly from the energy storage battery without purchasing electricity from the grid during the peak time, thereby avoiding the peak price and reducing the electricity cost.



### Cloud Platform Scheduling

OASIS A200 All-in-One built-in intelligent LCU system, real-time status monitoring and fault recording, fault warning and fault location; Supports cloud platform functions to achieve remote scheduling, cluster control, and energy efficiency management, enabling global assets to be visualized and digitized, and improving management efficiency.

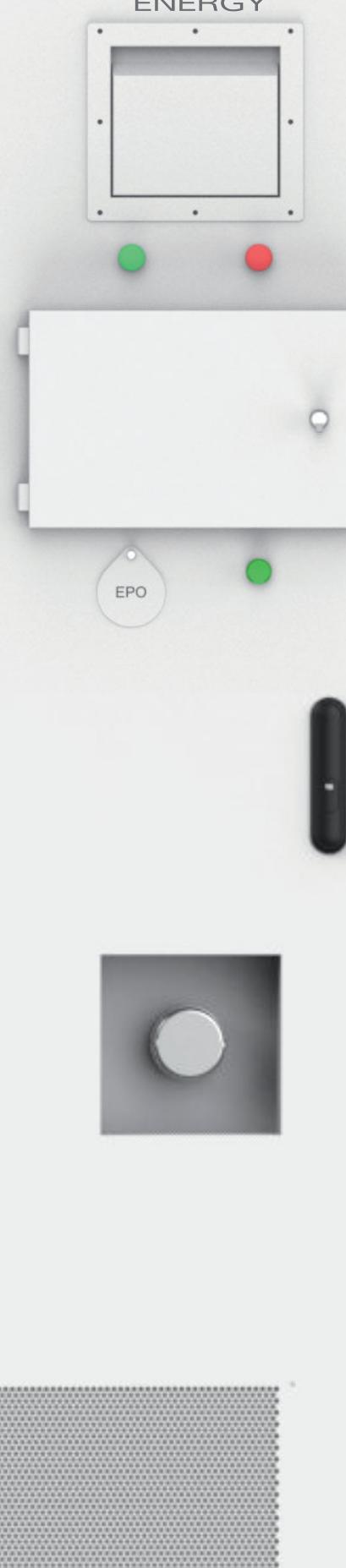
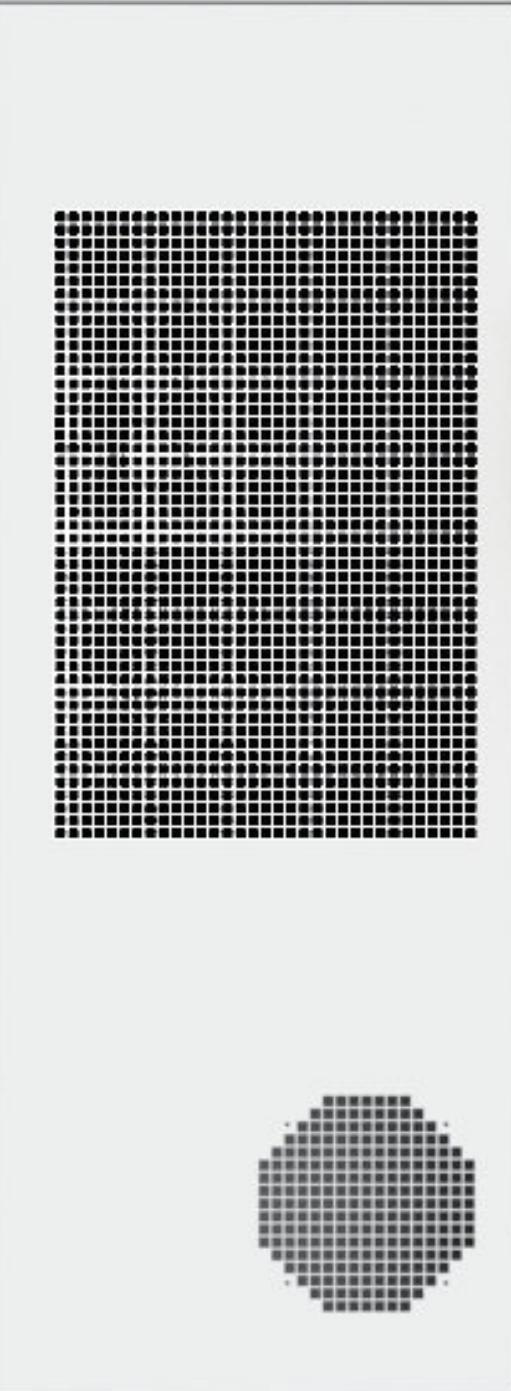


## OASIS A200 All-in-One (125kW/200kWh)

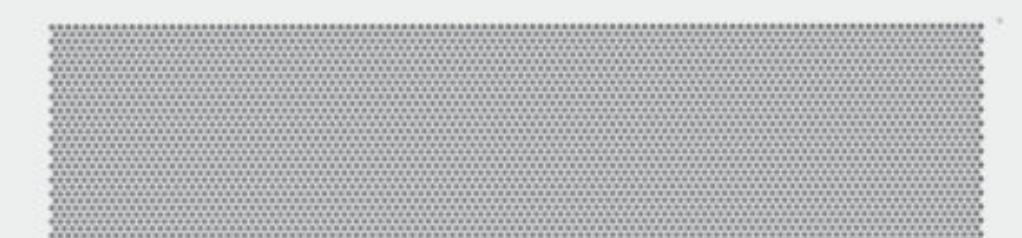
Product Model	CIESS-A-200
DC Side	
Cell Type	LFP
Cell Specification	3.2V 314Ah
PACK Capacity	20kWh
Rated Capacity	200kWh
Rated Voltage	640V
AC Side	
Rated Output Power	125kW
THDi	<3% (Rated Power)
Rated Voltage	400V (300~440)
Rated Frequency	50/60Hz ( $\pm 5\text{Hz}$ )
Power Factor	-1 (Leading) ~ 1 (Lagging)
System Parameter	
Communication Interface	CAN, RS485, Ethernet
Cooling Mode	Industrial Air-conditioning
Display	Touch Screen, Cloud Platform
Installation Mode	Outdoor
Protection Grade	IP55
Ambient Temperature	-30°C ~ +55°C (> 45°C derating)
Ambient Humidity	0~95%, No Condensation
Altitude	3000m
Cell Cycle Life	9000 times (25°C, 0.5C/0.5C, 90%DOD, EOL70%)*
Dimensions	1150*2200*1375mm (W*H*D)
Weight	< 2400kg
Certification	UN38.3/IEC 62619/IEC 61000/IEC 62477/VDE4105/4110/G99/EN50549/NTS 631

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

OASIS  
A200 All-in-One



SUNWODA  
ENERGY



# OASIS A200 All-in-One

125kW/200kWh Air-cooled All-in-One Storage Cabinet

## Long Life Cell

SUNWODA self-developed long life Cells are selected

## High Performance BMS

Multi-level distributed architecture, neural network intelligent SOC and SOH algorithm

## Multi-protection Design

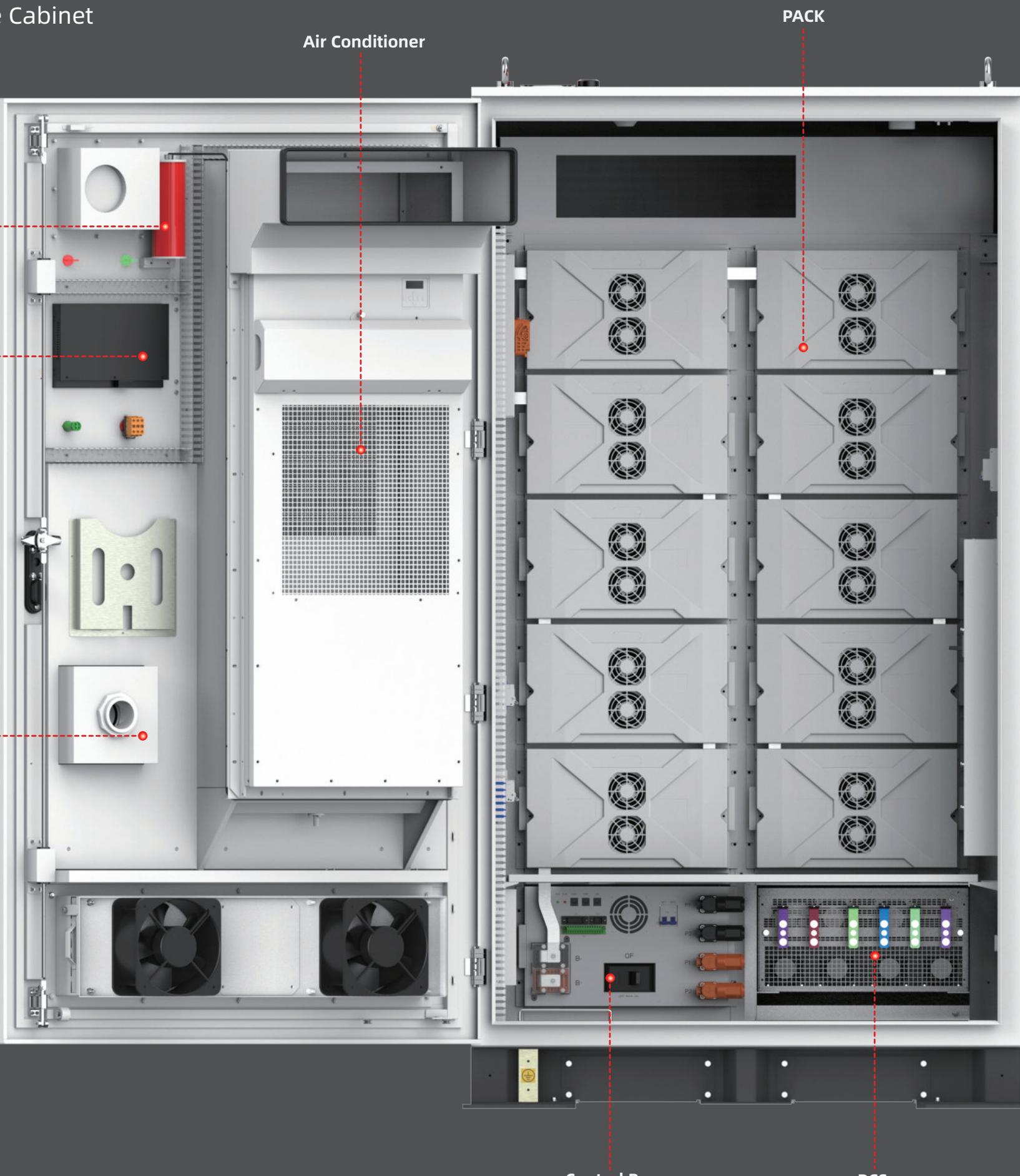
Cluster level + system level + active explosion venting + partition security isolation

## Flexible Installation

Modular, integrated machine, plug and play, parallel expansion

## Intelligent LCU

Real-time monitoring, cloud set dimension, multi-platform display



## Highlights

### All-in-One

Energy storage integrated machine, plug and play

### 100%DOD

Discharge depth up to 100%, maximize economy

### < 1.6m<sup>2</sup>

A single cabinet covers an area of less than 1.6m<sup>2</sup>

### 9000 cycles

SUNWODA self-developed long life Cells are selected

### kWh~MWh+

Supports parallel capacity expansion

### Local + Remote Operation

Support touch screen local control and cloud platform remote control



www.sunwodaenergy.com

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