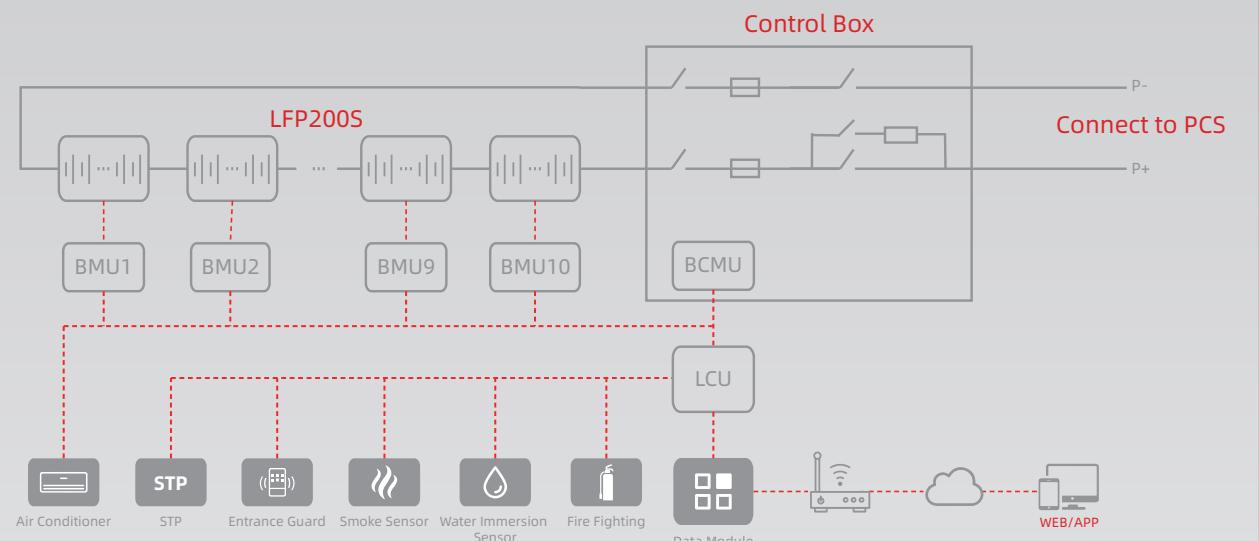


OASIS A200

120~200kWh



Application Scenario

PV and Storage Integration

OASIS A200 supports external hybrid inverter, DC coupling access to photovoltaic, integrated system design, one-stop service, high system integration, flexible layout of the scheme, can reduce light abandonment, improve the utilization rate of photovoltaic power generation.

Peak shaving and valley filling

After the OASIS A200 external energy storage inverter is connected, 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.

Emergency Backup

OASIS A200 external hybrid inverter is also suitable for applications that require high continuity of the power grid. When the power grid is cut off, it can be used as a backup power supply to replace the traditional UPS power supply function, and provide backup power supply protection for the critical uninterruptible load in the industrial and commercial park to cope with sudden power failure.

Micro-grid

OASIS A200 can form a microgrid system with inverters, photovoltaic arrays, loads, diesel generators, etc. which is widely used in remote mountain areas, areas without electricity, islands, communication base stations and other places.

Cloud Platform Scheduling

OASIS A200 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.



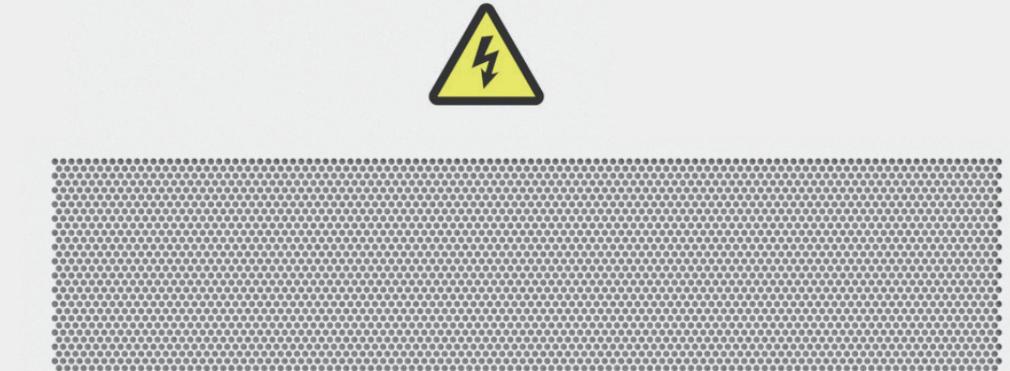
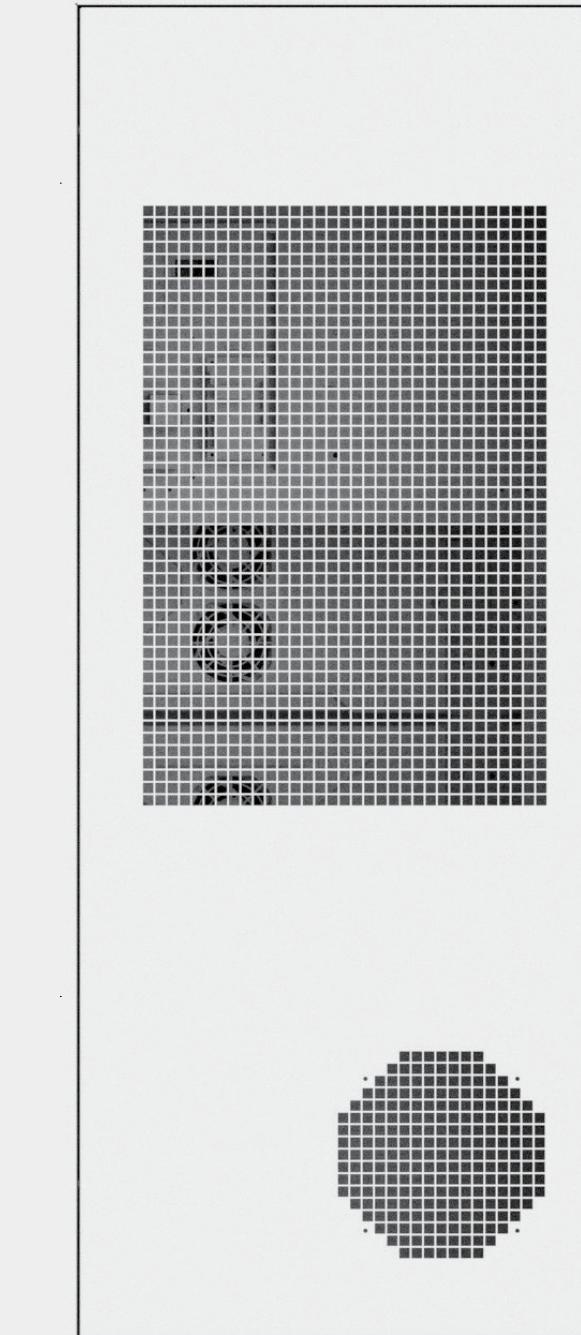
OASIS A200 (120~200kWh)

Product Model	CIESS-120	CIESS-160	CIESS-200
DC Side			
Cell Type		LFP	
Cell Specification		3.2V 314Ah	
PACK Capacity		20kWh	
PACK quantity	6	8	10
Rated Capacity	120kWh	160kWh	200kWh
Rated Voltage	384V	512V	640V
Voltage range	348~432V	464~576V	580~720V
Max. Charge and Discharge Ratio	0.7C	0.7C	0.7C
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	< 2300kg		
Certification	UN38.3/IEC 62619/IEC 61000/IEC 62477		

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

Approved Compatibility List of Inverter Brands

Inverter brand	Inverter model	SUNWODA ENERGY BATTERY SERIES	
		OASIS A200	
SMA	Sunny Island X 30/50		✓
Solis	S6-EH3P(29.9-50)K-H S6-EH3P(75-125)K10-NV-YD-H		✓
Deye	SUN-29.9/30/35/40/50K-SG01HP3-EU-BM SUN-60/70/75/80K-SG02HP3-EU-EM6		✓
SOLINTEG	MHT-25K/30K/36K/40K/50K-100 M2HT-25K/30K/40K/50K-150 M2HT-75-125K-300		✓
Megarevo	MPS030/MPS050/MPS0100/MPS0150/MPS0250/MPS0500		✓
ATESS	PCS100/PCS250/PCS500/PCS630/PCS1000		✓
SAJ	CH2-29.9-50K-T6-P		✓
Sinexcel	Isuna L22/25/29.9/30/40/42.5/50K-TH		✓



OASIS A200

OASIS A200

120~200kWh

Multi-Output Power

The inverter with different power can be selected.

High Performance BMS

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

Multi-protection Design

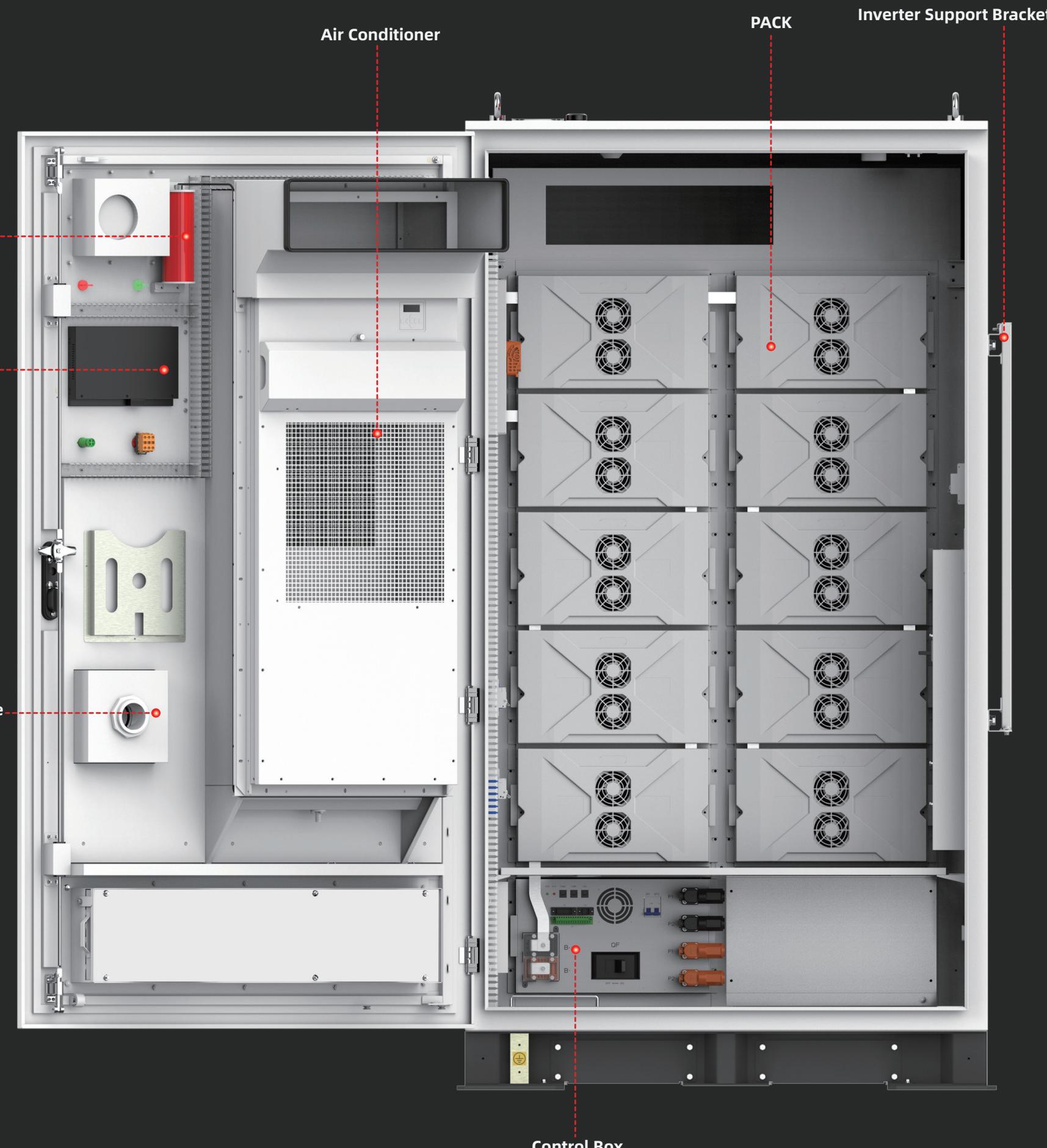
Cluster level + system level + active explosion venting + partition security isolation

Flexible Installation

Modular, plug and play, parallel expansion

Intelligent LCU

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



Highlights

9000 cycles

SUNWODA self-developed long life Cells are selected

100%DOD

Discharge depth up to 100%, maximize economy

kWh~MWh

Supports parallel capacity expansion, DC combiner is not needed (Within 6 pcs)

Touch Screen, Cloud Platform

Support CAN, network cable and other communication methods



www.sunwodaenergy.com

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