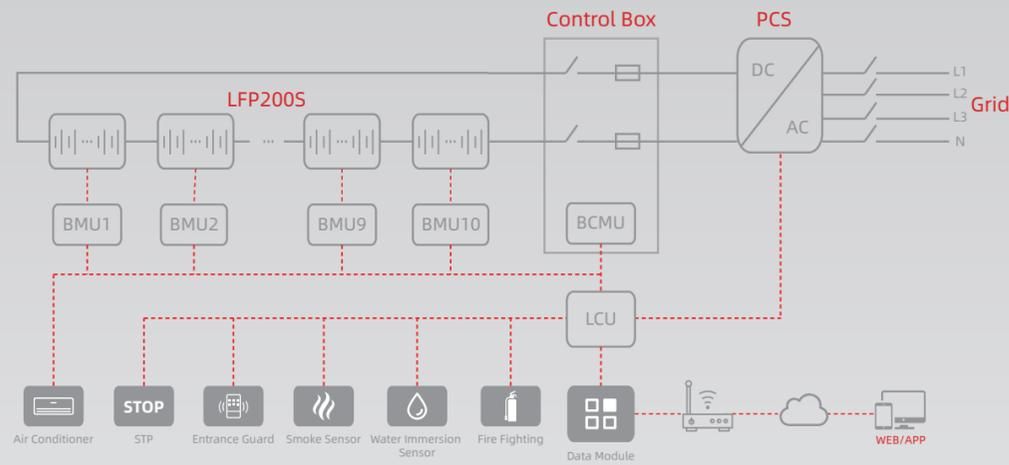


OASIS A180 All-in-One

125kW/179kWh Air-cooled All-in-One Storage Cabinet



Application Scenario



PV and Storage Integration

OASIS A180 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 A180 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 A180 All-in-One built-in intelligent EMS 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.

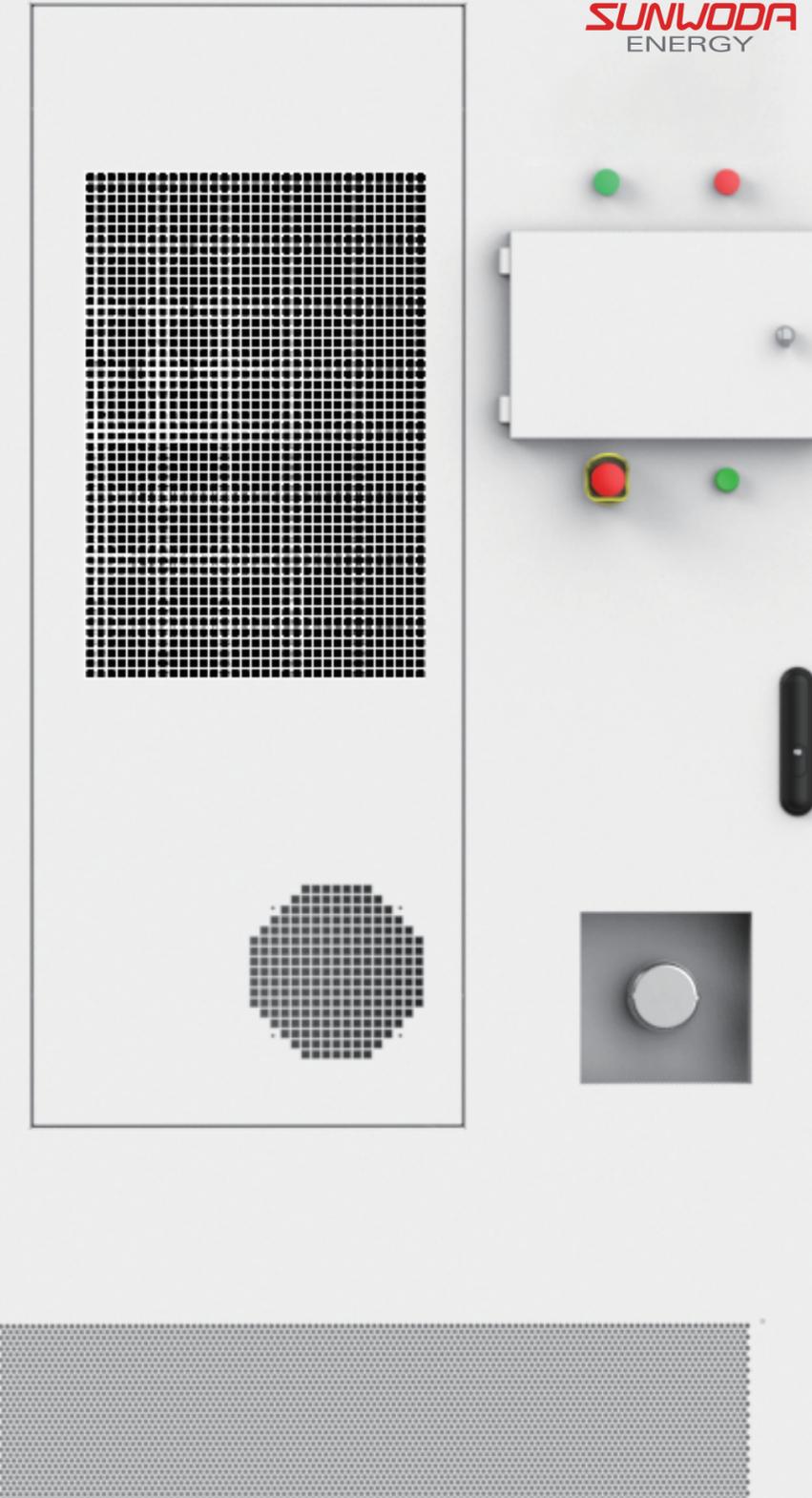


OASIS A180 All-in-One (125kW/179kWh)

Product Model	CISS-A-179
DC Side	
Cell Type	LFP
Cell Specification	3.2V 280Ah
PACK Capacity (kWh)	17.92
Rated Capacity (kWh)	179.2
Rated Voltage (V)	640
Max. Charge and Discharge Ratio	1C
AC Side	
Rated Output Power (kW)	125
THDi	< 3% (Rated Power)
Rated Voltage (V)	400 (300~440)
Rated Frequency (Hz)	50/60Hz (±5Hz)
Power Factor	-1~+1
System Parameter	
Communication Interface	CAN、RS485、Ethernet、WiFi
Cooling Mode	Industrial Air-conditioning
Display	Touch Screen, Cloud Platform, APP
Installation Mode	Outdoor
Protection Grade	IP55
Ambient Temperature	-25 ~ +55°C (> 45°C derating)
Ambient Humidity	0~95%, No Condensation
Altitude	3000m
Cell Cycle Life	9000time (25°C, 0.5C/0.5C, EOL70%)*
Size (W*D*H)	1150*1375*2200mm
Weight	< 2400kg
Certification	UN38.3、CE、IEC

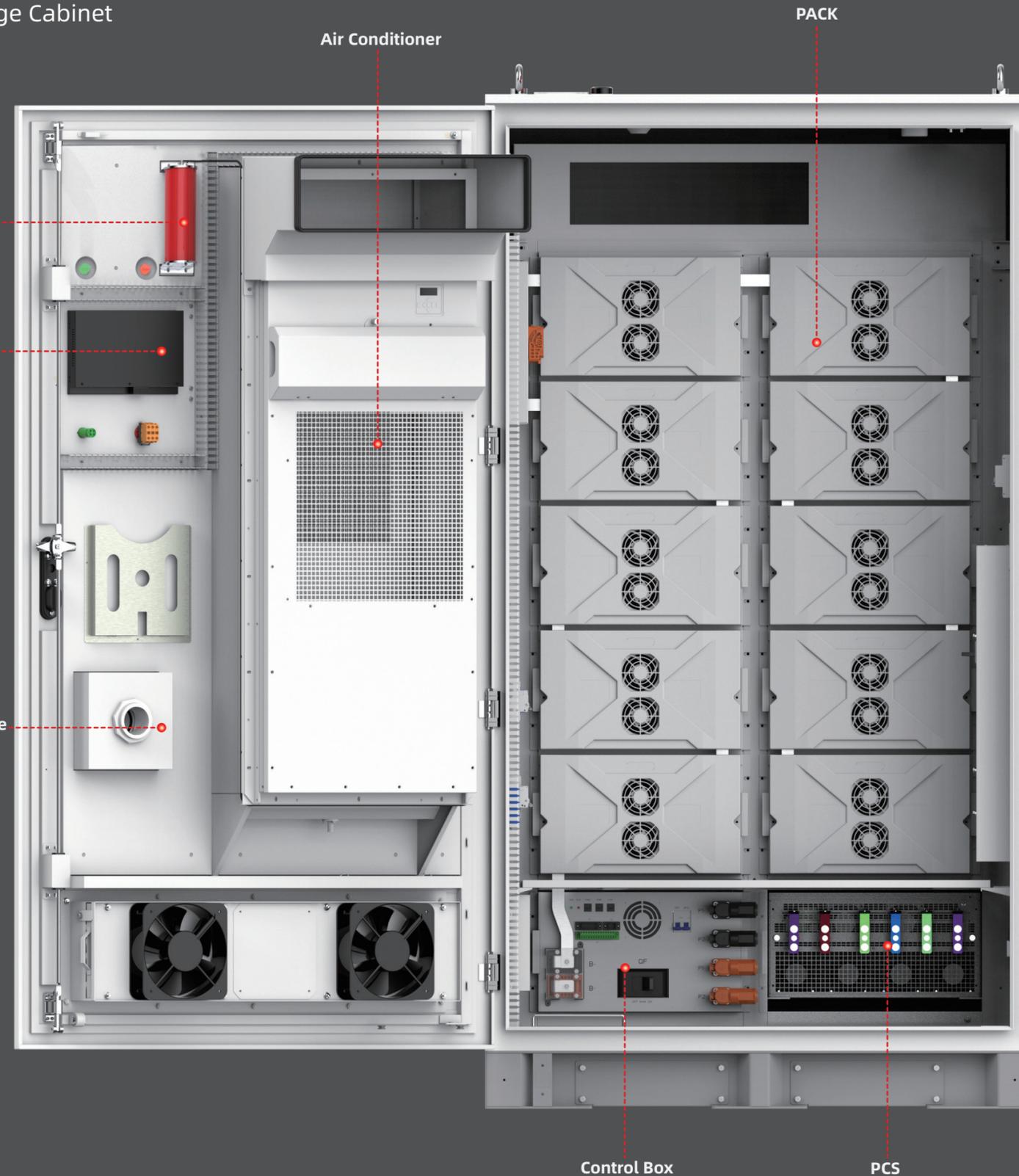
* For warranty instructions, please refer to the warranty terms.

OASIS
A180 All-in-One



OASIS A180 All-in-One

125kW/179kWh 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 EMS

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

Aerosol Fire Suppression

Touch Screen

Water Fire Suppression Interface

Air Conditioner

PACK

Control Box

PCS

Highlights

All-in-One

Energy storage integrated machine, plug and play

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

< 1.6m²

A single cabinet covers an area of less than 1.6m²

Local + Remote Operation

Support touch screen local control and cloud platform remote control



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