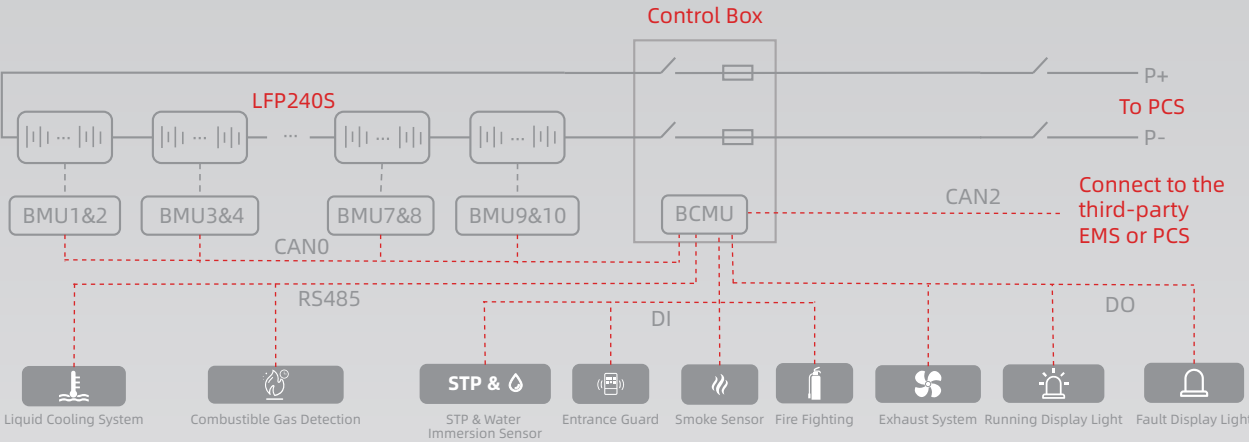


OASIS L215

215kWh Liquid Cooled Battery Cabinet



Application Scenario



PV and Storage Integration

OASIS L215 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 L215 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 L215 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 L215 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 L215 supports external intelligent EMS system, real-time status monitoring and fault recording, fault warning and fault location; Supports external 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.



Frequency and Peak Modulation

OASIS L215 can support 1C fast discharge after connecting to the grid-connected inverter, provide load support during the peak of power consumption, and participate in the load balance of the grid. At the same time, when the power grid frequency fluctuations, as a response to provide fast frequency modulation scheduling services.

OASIS L215

Single Cluster Solution	
Model Type	OASIS L215
Rated energy	215kWh
No.of modules	5
Rated voltage	768V
Voltage range	624-876V
Max. C-rate	1C
Ambient temperature	-30℃~55℃
Working relative humidity	0~95% (no condensation)
Altitude	2000m
Cooling method	Liquid cooling
Fire suppression system	Cluster level aerosol agent fire suppression+combustible gas detection and ventilation linkage+deflagration relief panel
Auxiliary power supply	220VAC/50Hz; 110VAC/60Hz
Communication interface	CAN/RS485/Ethernet
Enclosure protection rating	IP55
Dimensions(W*D*H)	1570mm*1350mm*2380mm
Weight	2520kg
Accreditation	CE/IEC62619/UL1973/UN38.3/IEC62477

Approved Compatibility List of Inverter Brands

Inverter brand	Inverter model	SUNWODA ENERGY BATTERY SERIES	
		OASIS L215	
SMA	Sunny Island X 30/50		✓
KACO	92.0 TL3-S		✓
ATESS	PCS100/PCS250/PCS500/PCS630/PCS1000 HPS100/150-HV		✓
GROWATT	WIT 50K-HU/WIT 63K-HU/WIT 75K-HU/WIT 100K-HU		✓
Sinexcel	PWS1-500KTL-EX		✓
Megarevo	MPS0100/MPS0150/MPS0250/MPS0500		✓

Case Sharing



Slovakia
OASIS L215 & Power
200kW/215 kWh
Outdoor Battery Storage System
BESS for Manufacturing

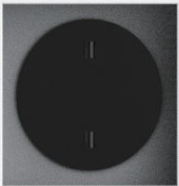


Netherlands
OASIS L215 & Power
400kW/430kWh
Outdoor Battery Storage System
BESS for Manufacturing



OASIS

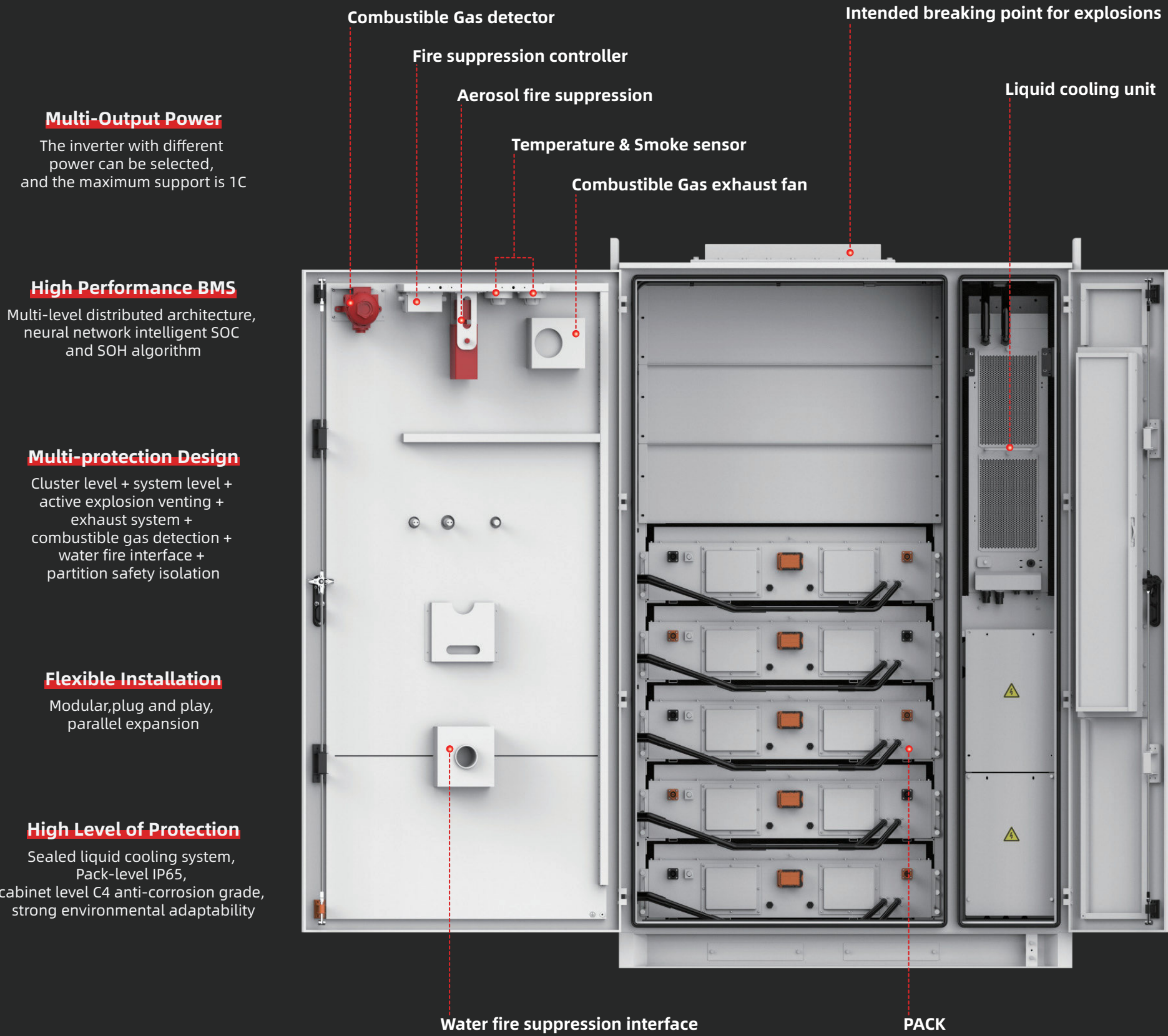
L215



SUNWODA
ENERGY

OASIS L215

215kWh Liquid Cooled Battery Cabinet



Multi-Output Power

The inverter with different power can be selected, and the maximum support is 1C

High Performance BMS

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

Multi-protection Design

Cluster level + system level + active explosion venting + exhaust system + combustible gas detection + water fire interface + partition safety isolation

Flexible Installation

Modular, plug and play, parallel expansion

High Level of Protection

Sealed liquid cooling system, Pack-level IP65, cabinet level C4 anti-corrosion grade, strong environmental adaptability

Highlights

0.2C~1C

The inverter with different power can be selected, and the maximum support is 1C

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

< 2.2m²

A single cabinet covers an area of less than 2.2m²

C4/IP65

C4 anti-corrosion grade, Pack-level IP65, cabinet IP55, strong environmental adaptability



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