

# OASIS Power

## Highlights

### PCS+STS

Cabinet modular design, flexible to cope with large / small power demand scenarios

### ms Level Switching

Supports ms-level and seamless on-off grid switching

### < 1.5m<sup>2</sup>

A single cabinet covers an area of less than 1.5m<sup>2</sup>

### 1~4 Battery Connections

Multiple battery connections are supported, the system supports 0.2C to 1C scenarios

### kW~MW

Supports parallel capacity expansion

### Three-phase Unbalanced load Capacity

Support three-phase unbalanced output



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# OASIS Power

## Integrated Solution

Cabinet modular design,  
Support ms-level switching  
between on and off grid.

## Multiple Access Design

Multiple battery connections are  
supported, the system supports  
0.2C to 1C scenarios.

## Parallel Expansion

Supports parallel expansion  
for easy system expansion.

## Flexible Installation

Modular single cabinet, ready to use.

## Intelligent Management

Human-machine interaction,  
real-time monitoring,  
multi-platform display.



## Application Scenario



### Peak shaving and valley filling

After the OASIS Power external energy storage battery 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 Power external energy storage battery is also suitable for applications that require high continuity of the power grid. In the case of power grid outage, it can be used as a backup power supply to replace the traditional UPS power supply function, providing backup power supply guarantee for the critical constant power load in the industrial and commercial park, and coping with sudden power failure.



### Cloud Platform Scheduling

OASIS Power can support 1C fast discharge after connecting to the high-rate energy storage battery, 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.



### Cloud Platform Scheduling

OASIS Power built-in LCU, support external EMS system, remote maintenance and monitoring; Supports access to the cloud platform to achieve remote scheduling, cluster control, and energy efficiency management, enabling global assets to be visualized and digitized, and improving management efficiency.

# OASIS Power

Product Type	OSP-100K	OSP-200K	OSP-300K	OSP-400K
<b>Battery Side Parameter</b>				
Operating Voltage Range (V)	650~950			
Max. Input Current (A)	171	342/171*2	171*3	342*2/171*4
Connected Number of Battery Cluster Branches	1	1/2	3	2/4
<b>Grid Side Parameter (On Grid)</b>				
Nominal Output Power (kW)	100	200	300	400
Nominal Output Voltage(V)	230/400			
Nominal Frequency(Hz)	50/60(±5Hz)			
Wiring Method	3W+N+PE			
<b>Grid Side Parameter(Off Grid)</b>				
Nominal Power (kW)	/	180	/	/
Nominal Output Voltage (V)	/	230/400	/	/
Nominal Frequency (Hz)	/	50/60	/	/
<b>System Parameter</b>				
Temperature	-20~+55°C (Derating above 45 °C)			
Cooling Mode	Intelligent Air-Cooling			
Protection Grade	IP54			
Size(W *D* H)	750*1200*2060mm/1200*1200*2380mm		1200*1200*2380mm	
Weight	< 1000kg			

\* The functional configurations of the above products can be selected according to different needs.

## Case Sharing



**Slovakia**  
OASIS L215 & Power  
200kW/215 kWh  
Outdoor Battery Cabinet System



**Netherlands**  
OASIS L215 & Power  
200kW/430kWh  
Outdoor Battery Cabinet System