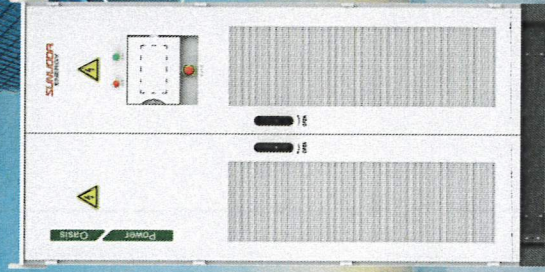


OASIS Power



-  Modulares Design, Optionales STS Modul; Flexible Leistungserweiterung, bequeme Betrieb und Wartung.
-  Anpassbare Ausgangsleistung, Lade und Entladeleistungen können bestimmt werden, Starke Netzanpassung.
-  Schnell Umschaltung zu Not- / Ersatzstrom, quasi-unterbrechungsfreie Stromversorgung für Lasten.
-  kein integriertes EMS, unterstützt mehrere Betriebsstrategien, kann an Netzdienstleistungen teilnehmen von 2 EMS Anbietern

OASIS Power

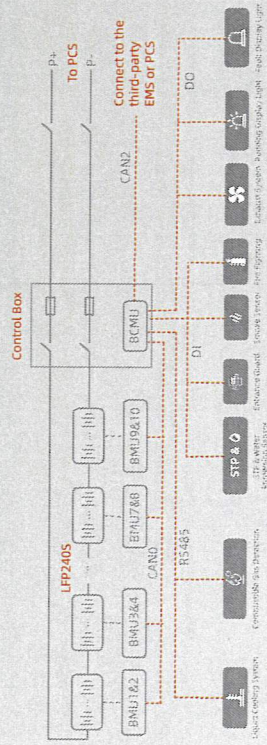
Modellbezeichnung	OSP-100K	OSP-200K	OSP-300K	OSP-400K
Batterieparameter				
Betriebsspannung	650-950V			
Volllastspannung	715-950V			
Max. Input Current	171A	342A/171A*2	171A*3	342A*2/171A*4
Batterieeingänge	1	1/2	3	2/4
AC Netzgebunden (On Grid)				
Maximale Leistung	110kVA	220kVA	330kVA	440kVA
Normale Ausgangsleistung	100kW	200kW	300kW	400kW
Normale Ausgangsspannung	230/400V			
Normaler Ausgangsstrom	144A	288A/144A*2	144A*3	288A*2/144A*4
Max. Ausgangsstrom	159A	318A/159A*2	159A*3	318A*2/159A*4
Nominelle Frequenz	50/60(±5Hz)			
THDI	≤3%			
Leistungsfaktor	-1(Leading)~1(Laging)			
Anschlussart	3W+N+PE			
AC Netzfrem (Off Grid)				
Nominal Power	/	180kW	/	/
Normale Ausgangsspannung	/	230V/400V	/	/
Nominal Output Current	/	260A/130A*2	/	/
Nennfrequenz	/	50/60Hz	/	/
THDu	/	<3% (Linear load)	/	/
Systemparameter				
Betriebstemperaturbereich	-20~+55°C (Herabstufung über 45 °C)			
Relative Luftfeuchte	5~95%RH, (nicht kondensierend)			
Max. Einsatzhöhe	2000m			
Kühlung	Intelligente Luftkühlung			
Schutzart	IP54			
Abmessungen (B*T*H)	750*1200*2060mm/1200*1200*2380mm	1200*1200*2380mm		
Gewicht	<1000kg			
Zertifikate	IEC 61000-6-1/3; IEC62109-1/2; IEC 62477-1; EN 50549-1; EN 50549-10; EN 50438; C10/C11; E1FS			

* Die funktionellen Konfigurationen der oben genannten Produkte können je nach Bedarf ausgewählt werden.

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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 efficiency, 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 continuous power output. When the main power supply is 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 and other power sources, and can be used in various scenarios such as 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 management, and real-time monitoring, 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 fluctuates, 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	824-876V
Max. C-rate	1C
Ambient temperature	-30°C ~ 55°C
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	IP65
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
SMA	Sunny Island X 30/50	OASIS L215
KACO	92.0 TL-S	✓
ATESS	PCS100/PCS200/PCS300/PCS500/PCS1000	✓
GROWATT	WIT100K-HU	✓
Sinexcel	PW51-500KTL-EX	✓

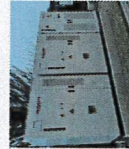
Case Sharing



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



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



OASIS

L215



