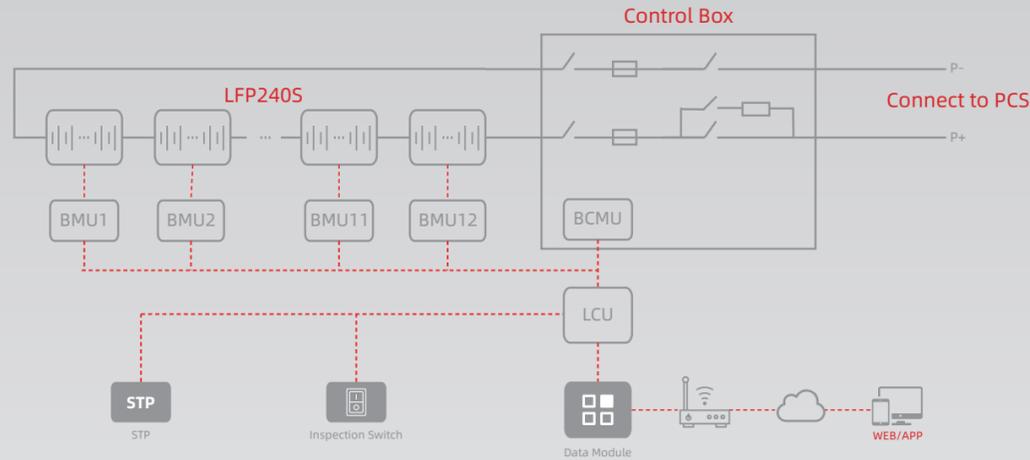


OASIS Rack Pro+

| 100~200kWh



Application Scenario



PV and Storage Integration

OASIS Rack Pro+ 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 Rack Pro+ 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 Rack Pro+ 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.



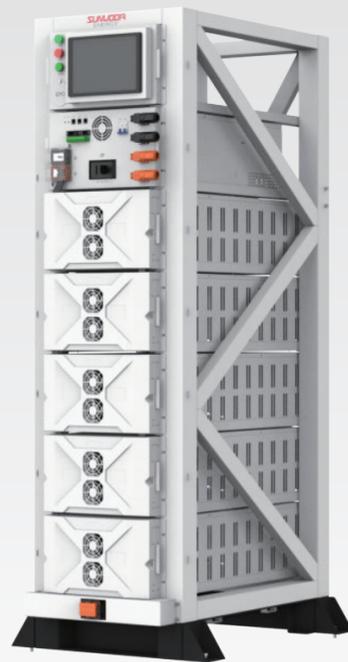
Micro-grid

OASIS Rack Pro+ 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 Rack Pro+ 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.



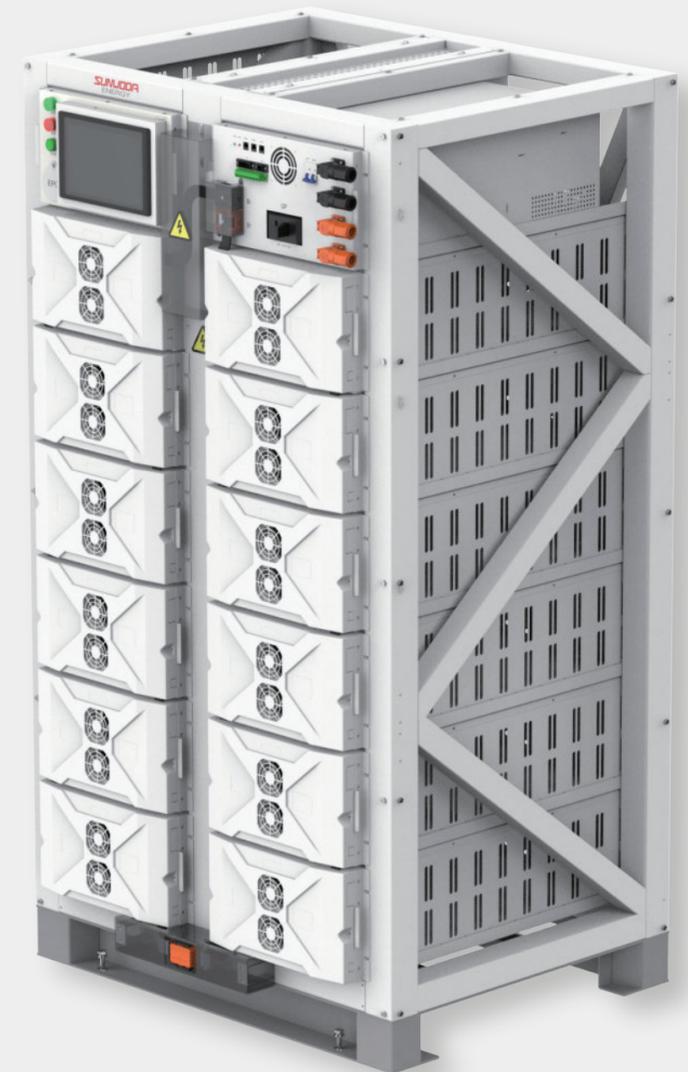
| 100~200kWh

| Product Model | CIESS-100-RP | CIESS-120-RP | CIESS-160-RP | CIESS-200-RP |
|---------------------------------|--------------------------------------|--------------|--------------|--------------|
| DC side parameter | | | | |
| Cell specification | 3.2V 314Ah | | | |
| Cell type | LFP | | | |
| PACK specification | 1P20S, 64V, 20kWh | | | |
| PACK quantity | 5 | 6 | 8 | 10 |
| Rated capacity | 100kWh | 120kWh | 160kWh | 200kWh |
| Rated voltage | 320V | 384V | 512V | 640V |
| Voltage Range | 290~360V | 348~432V | 464~576V | 580~720V |
| Max. Charge and Discharge Ratio | 0.5C | 0.5C | 0.5C | 0.5C |
| System parameter | | | | |
| Communication mode | CAN、RS485、Internet | | | |
| Cooling method | Intelligent air cooling | | | |
| Installation method | Indoor | | | |
| Protection degree | IP20 | | | |
| Ambient temperature | 0 ~ +55°C (> 45°C derating) | | | |
| Ambient humidity | 0 ~ 95% (no condensation) | | | |
| Dimension | 1160*2060*976mm(W*H*D) | | | |
| Weight | < 2100kg | | | |
| Certification | UN38.3/IEC 62619/IEC 61000/IEC 62477 | | | |

| Approved Compatibility List of Inverter Brands

| Inverter brand | Inverter model | SUNWODA ENERGY BATTERY SERIES | |
|----------------|---|-------------------------------|---|
| | | OASIS Rack Pro+ | |
| SMA | Sunny Island X 30/50 | | ✓ |
| Solis | S6-EH3P(29.9-50)K-H S6-EH3P(80-125)K10-NV-YD-H | | ✓ |
| Deye | SUN-29.9/30/35/40/50K-SG01HP3-EU-BM SUN-60K/75K/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 | SINEXCEL Isuna L22/25/29.9/30/40/42.5/50K-TH | | ✓ |

OASIS Rack Pro+



OASIS Rack Pro+

| 100~200kwh

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 active security isolation.

Flexible Installation

Modular, plug and play, parallel expansion.

Intelligent EMS

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

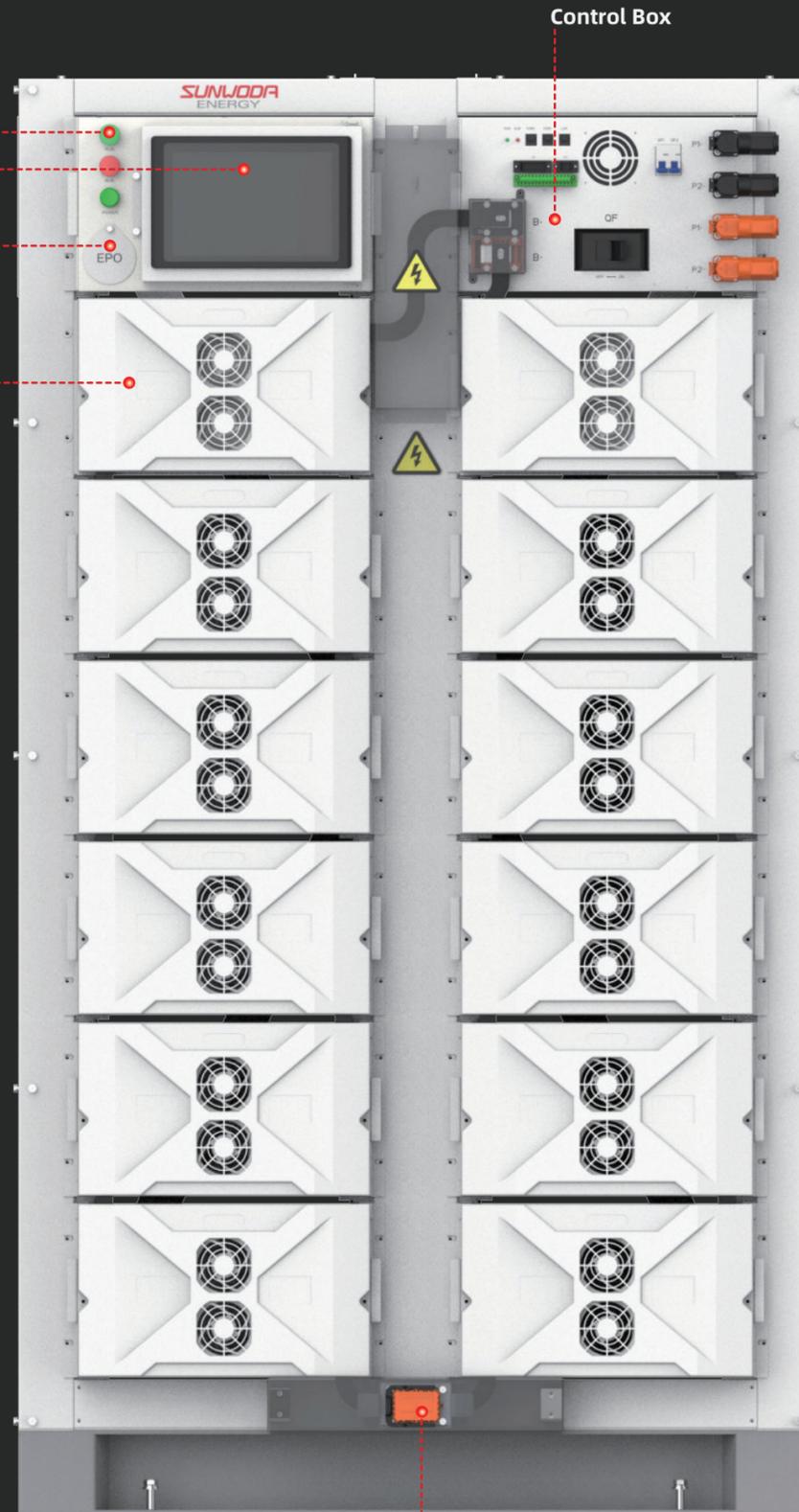
Display Light

LCU

Emergency Stop Switch

PACK

Control Box



Inspection Switch

Highlights

9000 cycles

SUNWODA self-developed long life Cells are selected

100%DOD

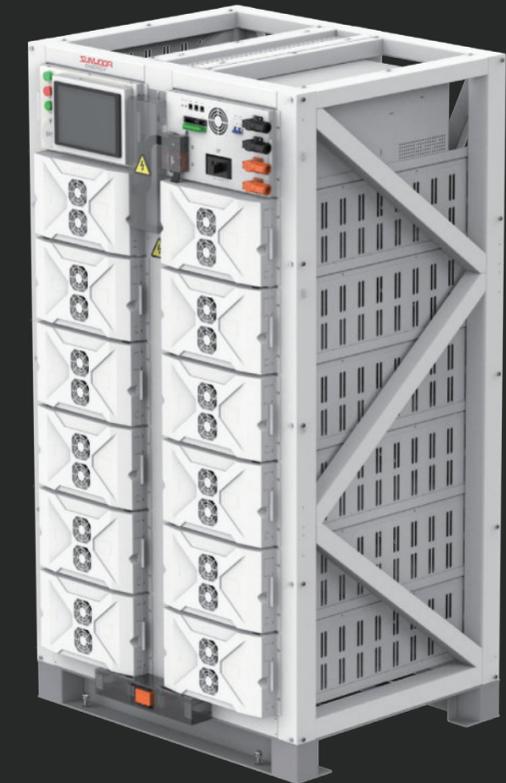
Discharge depth up to 100%, maximize economy

kWh~MWh

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

Touch Screen, Cloud Platform

Support Wifi, network cable and other communication methods



www.sunwodaenergy.com

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