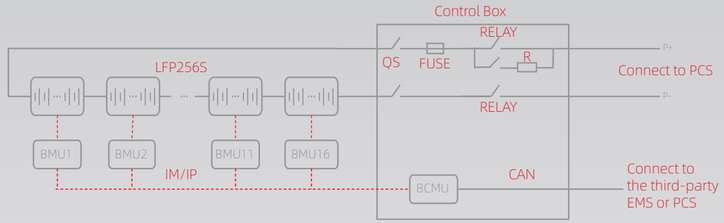
OASIS Flex

HV 25~80kWh



Application Scenario

PV and Storage Integration

Peak shaving and valley filling

Emergency Backup

Cloud Platform Scheduling

Micro-grid

Case Sharing



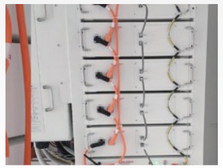
Austria
OASIS Flex & SMA
100kW/480kWh
Rack-mounted Battery System
BESS for Commercial Building





Zimbabwe
OASIS Flex & Deye
250kW/600kWh
Battery System
BESS for Commercial Building





South Africa
OASIS Flex & Deye
100kW/180kWh
Battery System
BESS for Resort

OASIS Flex

System Model	CIESS25-R-S	CIESS30-R-S	CIESS35-R-S	CIESS40-R-S	CIESS45-R-S	CIESS50-R-S	CIESS55-R-S	CIESS60-R-S	CIESS65-R-S	CIESS70-R-S	CIESS75-R-S	CIESS80-R-S
Number of battery packs	5	6	7	8	9	10	11	12	13	14	15	16
Rated voltage	256V	307.2V	358.4V	409.6V	460.8V	512V	563.2V	614.4V	665.6V	716.8V	768V	819.2V
Voltage range	224~288V	268.8~345.6V	313.6~403.2V	358.4~460.8V	403.2~518.4V	448~576V	492.8~633.6V	537.6~691.2V	582.4~748.8V	627.2~806.4V	672~864V	716.8~921.6V
Rated energy	25kWh	30kWh	35kWh	40kWh	45kWh	50kWh	55kWh	60kWh	65kWh	70kWh	75kWh	80kWh
Max. C-rate	1C	1C	1C	1C	1C	1C	1C	1C	1C	1C	1C	1C
Weight	248kg	294kg	340kg	386kg	432kg	478kg	524kg	570kg	616kg	662kg	708kg	754kg
Dimension (W*D*H, mm)	480*410*1040	480*410*1210	1180*410*700	1180*410*870	1180*410*870	1180*410*1040	1180*410*1040	1180*410*1210	1880*410*870	1880*410*870	1880*410*1040	1880*410*1040
Cycle life	6000 times (25℃, 0.5C/0.5C, 90%DOD, EOL60%)*											
Communication	CAN/RS485/WiFi/ETH											
Expansion	Support in parallel up to 6 clusters											
Enclosure protection rating	IP20											
Cooling	Natural cooling											
Ambient temperature	Charge: 0℃~50℃											
	Discharge: -20℃~55℃											
Humidity	10%~95%RH											
Altitude	2000m											
Short circuit protection	Yes											
Over current protection	Yes											
Over charge protection	Yes											
Over discharge protection	Yes											
Over voltage protection	Yes											
Under voltage protection	Yes											
Over temperature protection	Yes											
Certifications	UN38.3/CE/IEC62619/IEC62477											
Module Parameter												
Module Model	B051100S02											
Module Rated voltage	51.2V											
Module Energy	5kWh											
Module Dimension (W*D*H)	443*410*135mm											
Module Weight	43.3kg											
Warranty	5 years*											

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

Approved Compatibility List of Inverter Brands

Inverter brand	Inverter model	SUNWODA ENERGY BATTERY SERIES
		CIESS-R-S Series
SMA	Sunny Island X 30/50	✓
Solis	S6-EH3P(29.9-50)K-H	✓ (CEI 0-21/0-16 listing)
	S6-EH3P(75-80)K10-NV-YD-H	✓
Deye	SUN-5/6/8/10/12/15/20K/25K-SG01HP3-EU-AM2	✓
	SUN-29.9/30/35/40/50K-SG01HP3-EU-BM	✓ (CEI 0-21 listing)
	SUN-60/70/75/80K-SG02HP3-EU-EM6	✓
SOLINTEG	MHT-10K/12K/15K/20K-40	✓
	MHT-25K/30K/36K/40K/50K-100	✓ (CEI 0-21/0-16 listing)
Afore	AF(3K-30K)TH	✓
Sofar	HYD-20KTL-3PH	✓
Sinexcel	Isuna 20000T/PWS2-30P-CN	✓
Turbo Energy	Hybrid Series HV 30.0/50.0	✓
GROWATT	WIT 50K-HU/WIT 63K-HU/WIT 75K-HU/WIT 100K-HU	✓
Megarevo	MPS0030/MPS0050	✓
SAJ	CH2-29.9~50K-T6-P	✓
GREENHEISS	GH-ITH 30 3M ADVANCED	✓
Salicru	EQUINOX2 HSX	✓

SUNWODA ENERGY



OASIS Flex

OASIS Flex

HV 25~80kWh

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

Flexible Installation

Modular, plug and play, parallel expansion

Intelligent Management

Real-time monitoring, remote operation and maintenance, multi-platform display



Highlights

0.2C~1C

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

25~80kWh

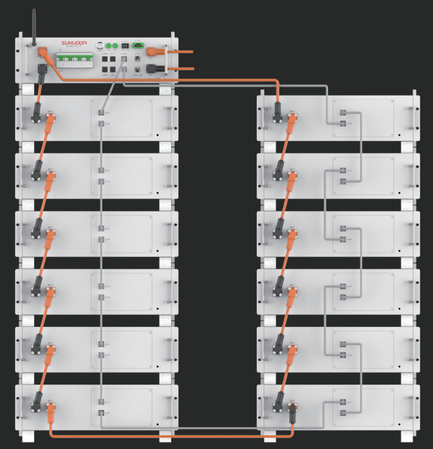
Flexible configuration, supports parallel capacity expansion

100%DOD

Discharge depth up to 100%, maximize economy

Remote Operation and Maintenance

Support cloud operation and maintenance, support CAN, network cable and other communication methods



www.sunwodaenergy.com

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