

SunESS

Sunwoda SunESS series provide the most safety & reliable energy storage solutions to customer worldwide.



Flexible capacity options

- Stackable module design, easily extend
- 5kWh per module, scalable from 5 to 60kWh



Easy to install

- Without wire connection
- Compact and Light, 2 persons installation



Excellent performance

- 100% DOD
- Operate at -10°C without any limitation and attenuation



Remote Data Access&Control

- Real time monitoring
- Remote maintenance and upgrades

Specifiche

Model	SunESS-5	SunESS-10	SunESS-15	SunESS-20
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy (100% DOD) ¹	5kWh	10kWh	15kWh	20kWh
Rated voltage	51.2V	51.2V	51.2V	51.2V
Charge/discharge cut off voltage	44.8V~55.2V	44.8V~55.2V	44.8V~55.2V	44.8V~55.2V
Rated charge/discharge current ²	50A/80A	100A/160A	150A/200A	200A/200A
Max. charge/discharge current ²	100A/100A	180A/180A	200A/200A	200A/200A
Communication interface	CAN 2.0/RS485			
DC disconnect	Circuit breaker, 250A, 80V rating			
Scalability	Max. 3 in parallel, Max. 60kWh			

Operating conditions

Installation location	Outdoor or indoor
Operating temperature	Discharging:-4°F to 122°F (-20°C to 50°C), Charging:14°F to 122°F (-10°C to 50°C)
Humidity	5% to 95%, non-condensation
Dimensions (W*H*D, mm)	573*(597/912/1227/1542)*189
Weight	65kg/115kg/165kg/215kg
Enclosure protection rating	IP65
Altitude	< 4000m
Cooling	Natural convection
Warranty	10 years ³
Certifications	IEC62619/CE/CEI 0-21/UL1973/FCC/UL9540/UL9540A/UN38.3

1.Test conditions: 100% DOD, 0.2C charge & discharge at 25°C.

2.The current is affected by temperature and SOC.

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

