



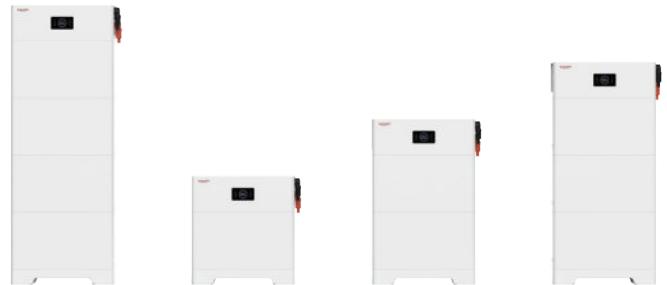
SunESS

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



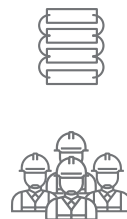
Conventional

SunESS series



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 (optional)



Remote Data Access&Control

- Real time monitoring
- Remote maintenance and upgrades

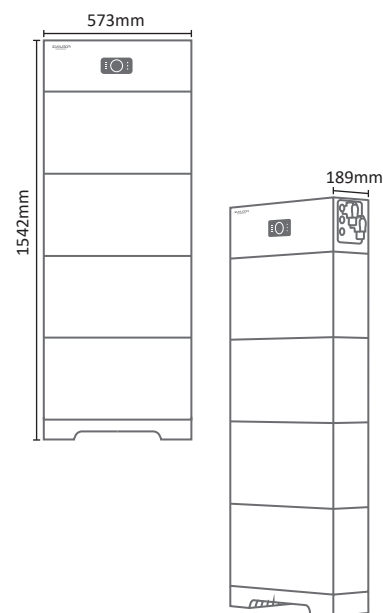


Specifications

Model	SunESS-5	SunESS-10	SunESS-15	SunESS-20
Nominal energy	5kWh	10kWh	15kWh	20kWh
Usable energy (100% DOD)	5kWh	10kWh	15kWh	20kWh
Max. charge/discharge current	100A/100A	180A/180A	200A/200A	200A/200A
Rated voltage	51.2V			
Communication interface	CAN 2.0/RS485			
DC disconnect	Circuit breaker, 250A, 80V rating			
Roundtrip efficiency	>98%			
Scalability	Max. 3 in parallel, Max. 60kWh			

Operating conditions

Installation location	Outdoor or indoor
Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-22°F to 140°F (-30°C to 60°C)
Humidity	10% to 95%, non condensation
Dimensions	573*(597/912/1227/1542)*189 (W*H*D, mm)
Weight	65kg, 115kg, 165kg, 215kg
Enclosure protection rating	IP65
Altitude	<2000m
Cooling	Natural convection
Warranty	10 years*
Certificates	IEC62619/CE/CEI 0-21/UL1973/FCC/UL9540/ UL9540A/UN38.3



* DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at 25°C.

* Charge/discharge derating occurs when the operating temperature from -10°C to 5°C.