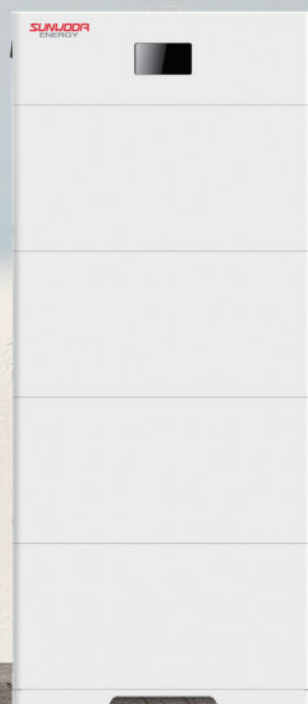


# SunESS H

## Smart Stacked Energy Storage System

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



High voltage (~400V) enabled by built-in DC-DC



Flexible capacity configuration (5–60kWh)



Module level energy optimization, mixed use of old and new



Compatible with market-leading hybrid inverter(> 10 brands)



Safe and long-life LiFePO4 (LFP) technology

| Model                                     | SunESS-5H                          | SunESS-10H | SunESS-15H | SunESS-20H |
|---|------------------------------------|------------|------------|------------|
| Nominal energy                            | 5kWh                               | 10kWh      | 15kWh      | 20kWh      |
| Usable energy (90% DOD) <sup>1</sup>      | 4.5kWh                             | 9kWh       | 13.5kWh    | 18kWh      |
| Rated voltage                             | 400V                               | 400V       | 400V       | 400V       |
| Operating voltage range                   | 350V~450V                          | 350V~450V  | 350V~450V  | 350V~450V  |
| Rated charge/discharge power <sup>2</sup> | 2.5kW                              | 5kW        | 7.5kW      | 10kW       |
| Peak output power                         | 4.2kW/20s                          | 8.4kW/20s  | 12.6kW/20s | 16.8kW/20s |
| Communication interface                   | CAN 2.0/RS485                      |            |            |            |
| DC disconnect                             | Circuit breaker, 50A, 1000V rating |            |            |            |
| Scalability                               | Max. 3 in parallel, Max. 60 kWh    |            |            |            |

| Operating conditions   |  |
|--|--|
| Installation location  | Outdoor or indoor                                  |
| Ambient Temperature  | -4°F to 122°F (-20°C to 50°C)                      |
| Humidity   | 5% to 95%, non-condensation                        |
| Dimensions (W*H*D, mm )  | 653*(553/868/1183/1498)*189                        |
| Weight   | 65kg/117kg/169kg/221kg                             |
| Enclosure protection rating  | IP65   |
| Altitude   | < 4000m  |
| Cooling  | Natural convection                                 |
| Noise emission   | < 29dB   |
| Warranty   | 10 year <sup>3</sup>                               |
| Certifications   | IEC62619/CE/UN38.3/VDE 2510-50/CEI 0-21/FCC/UL1973 |
| 1. Test conditions: 90% DOD, 0.2C charge & discharge at 25°C.<br>2. The power is affected by temperature and SOC.<br>3. For warranty instructions, please refer to the warranty terms. |  |

