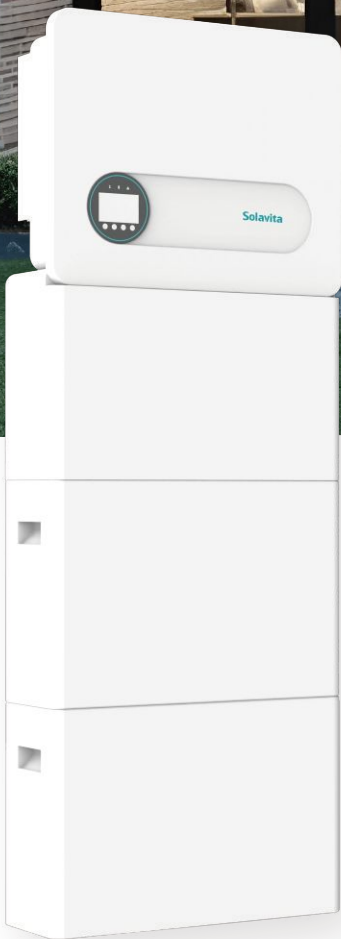


Solavita

SWES

3/4/5/6 kW

Residential Energy Storage System (High-Voltage)



Inverter Model

SWH3000H-S1 | SWH4000H-S1
SWH5000H-S1 | SWH6000H-S1

Battery Model

SWR5120-S1



Global Shadow Scanning



Tri-color Ring Ambient Light Design



Internal Non-turbulent Fan



Quiet and Low Noise <30dB



Higher System Efficiency

| Model | SWES3000H-S1 | SWES4000H-S1 | SWES5000H-S1 | SWES6000H-S1 |
|--|--------------|--------------|-----------------|--------------|
| Inverter | | | | |
| Model | SWH3000H-S1 | SWH4000H-S1 | SWH5000H-S1 | SWH6000H-S1 |
| Recommended Max. PV Power [Wp] | 4500 | 6000 | 7500 | 9000 |
| Max. Input Voltage [V] | | | 600 | |
| MPPT Voltage Range [V] | | | 80-560 | |
| Rated Input Voltage [V] | | | 360 | |
| Start-up Voltage [V] | | | 90 | |
| No. of MPPT Trackers | 1 | | 2 | |
| No. of PV Strings per MPPT | 1 | | 1/1 | |
| Max. Input Current per MPPT [A] | 14 | | 14/14 | |
| Max. Short Circuit Current per MPPT [A] | 18 | | 18/18 | |
| Rated Output Voltage [V] | | | 220 / 230 | |
| Rated Grid Frequency [Hz] | | | 50 / 60 | |
| Rated Output Power [W] | 3000 | 4000 | 5000 | 6000 |
| Max. Apparent Output Power [VA] | 3300 | 4400 | 5500 | 6600 |
| Rated Output Voltage [V] (Backup) | | | 220 / 230 | |
| Rated Output Frequency [Hz] (Backup) | | | 50 / 60 | |
| Rated Output Power [W] (Backup) | 3000 | 4000 | 5000 | 6000 |
| Max. Output Apparent Power [VA] (Backup) | 3300 | 4400 | 5500 | 6600 |
| Rated Output Current [A] (Backup) | 15 | 20 | 25 | 30 |
| Peak Output Power, Duration [VA, s] (Backup) | 4500, 60 | 6000, 60 | 7500, 60 | 7500, 60 |
| Switch Time [ms] | | | < 10 | |
| Topology | | | Transformerless | |
| Dimensions (W*H*D) [mm] | | | 536*444*173 | |
| Weight [kg] | | | 18.5 | |

| | |
|-------------------------|--|
| Battery | |
| Model | SWR5120-S1 |
| Battery type | Lithium Iron Phosphate(LFP) |
| Nominal Capacity [kWh] | 5.12 |
| Depth of Discharge | 90% |
| Dimensions (W*H*D) [mm] | 536*335*190 |
| Weight [kg] | 50 |
| Safety Regulation | IEC62619, IEC62040-1, IEC63056, VDE2510, CE, CEC |

| | |
|----------------------------------|-------------------------------|
| System Parameters | |
| System Configuration | SWH3000~6000H-S1+N*SWR5120-S1 |
| Communication | WIFI/RS485/LAN |
| Operating Temperature Range [°C] | -25~+60 |
| Relative Humidity | 0%~100%, Non-condensing |
| Operation Altitude [m] | ≤2000 |
| Cooling Concept | Natural Convection |
| Protection Level | IP66 |