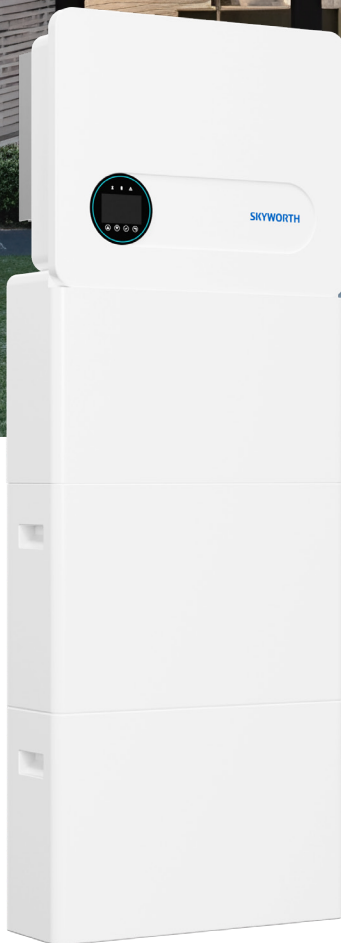


SWES

3/4/5/6 kW

Residential Energy Storage System (High Voltage)



Inverter ModelDEL

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]		220/230/240		
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)		220/230/240		
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		

AC Output	
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