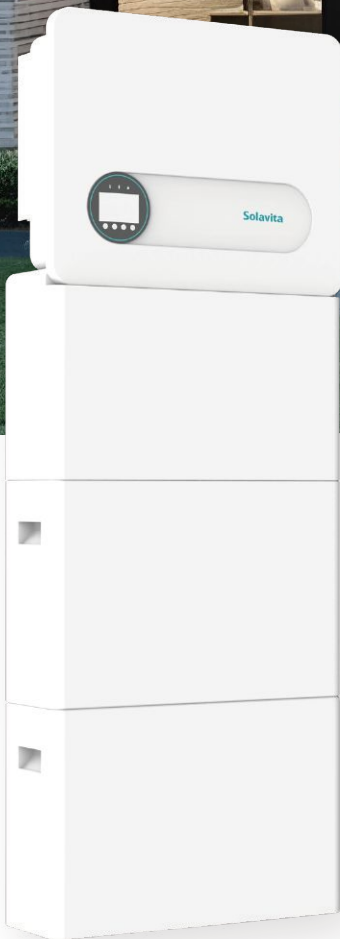


Solavita

SWP 3/4/5/6 kW

Single-Phase Hybrid Unit (High-Voltage)



Inverter Model

SWP3000H-S1 | SWP4000H-S1
SWP5000H-S1 | SWP6000H-S1

Battery Model

SWBS5120-H1



All-in-one design



Stylish appearance



Built-in BMS management



Electrical isolation on the battery side

Model	SWP3000H-S1	SWP4000H-S1	SWP5000H-S1	SWP6000H-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]			575*435*190	
Weight [kg]			26	

Battery	
Model	SWBS5120-H1
Battery type	Li-ion
Nominal Capacity [kWh]	5.12
Depth of Discharge	90%
Dimensions (W*H*D) [mm]	575*335*190
Weight [kg]	50
Safety Regulation	IEC62619、IEC62040-1、IEC63056、VDE2510、CE、CEC

System Parameters	
System Configuration	SWH3000~6000H-S1+N*SWBS5120-H1
Communication	CAN, GPRS/WIFI
Operating Temperature Range [°C]	-25~+60
Relative Humidity	0%~100%, Non-condensing
Operation Altitude [m]	≤2000
Cooling Concept	Natural Convection
Protection Level	IP66

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