

Solavita

SW 1.1/1.6/2.2/3/3.3 kW

Single-Phase On-Grid Inverter



MODEL

SW1100TL-S1 | SW1600TL-S1
SW2200TL-S1 | SW3000TL-S1
SW3300TL-S1



Small and light, easy to install



Stylish appearance



IP66 rated for outdoor use



Flexible optional monitoring modes

Model	SW1100TL-S1	SW1600TL-S1	SW2200TL-S1	SW3000TL-S1	SW3300TL-S1
DC Input					
Max. System Efficiency			600		
MPPT Voltage Range [V]		45-500		50-550	
Rated Voltage [V]			360		
Start-up Voltage [V]			70		
No. of MPPT Trackers			1		
No. of PV Strings per MPPT			1		
Max. Input Current per MPPT [A]			16		
Max. Short Circuit Current per MPPT [A]			20		

AC Output					
Rated Output Power [W]	1100	1600	2200	3000	3300
Max. Output Apparent Power [VA]	1100	1600	2200	3000	3300
Max. Output Current [A]	5	7.3	10	13.6	15
Rated Grid Voltage [V]			L/N/PE, 230		
Rated Grid Frequency [Hz]			50/60		
Power Factor [cos φ]			1(+/-0.8, adjustable)		

Efficiency		
Max. Efficiency	97.5%	97.6%
EU Efficiency	96.9%	97.2%

Protection	
DC Switch	Integrated
Insulation Resistance Monitoring	Integrated
Input Reverse Polarity Protection	Integrated
Anti-island Protection	Integrated
Residual Current Monitoring	Integrated
AC Overcurrent Protection	Integrated
AC Short-Circuit Protection	Integrated
DC Surge Protection	Integrated (Type II)
AC Surge Protection	Integrated (Type II)
DC Arc Protection	Optional

General Data	
Dimensions (W*H*D) [mm]	290*220*120
Weight [kg]	5.5
Display	LED+OLED
Communication	WiFi / 4G (Optional)
Operating Temperature Range [°C]	-25 ~ +60
Relative Humidity	0-100%
Operation Altitude [m]	≤2000
Topology	Transformerless
Cooling Concept	Natural Cooling
Ingress Protection	IP66

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