

Solavita
A SKYWORTH Company

SW 1/1.5/2/2.5/3/3.3 kW

Single-phase On-grid Inverter



MODEL

SW1000TL-S1 | SW1500TL-S1
SW2000TL-S1 | SW2500TL-S1
SW3000TL-S1 | SW3300TL-S1



Small and light, easy to install



Stylish appearance



IP66 rated for outdoor use



Flexible optional monitoring modes

Model	SW1000TL-S1	SW1500TL-S1	SW2000TL-S1	SW2500TL-S1	SW3000TL-S1	SW3300TL-S1
DC Input						
Max. Input Power[W]	1500	2250	3000	3750	4500	4950
Max. Input Voltage [V]	550					
MPPT Voltage Range [V]	60-500					
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]	1000	1500	2000	2500	3000	3300
Max. Output Apparent Power [VA]	1100	1650	2200	2750	3300	3300
Max. Output Current [A]	5	7.5	10	12.5	15	15
Rated Grid Voltage [V]	L/N/PE, 220/230/240					
Rated Grid Frequency [Hz]	50/60					
Power Factor [cos φ]	1(+/-0.8, adjustable)					

Efficiency						
Max. Efficiency	97.4%					
EU Efficiency	96.9%					

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)					
IV Curve scanning	Integrated					
24-hour load monitoring	Optional					
DC Arc Protection	Optional					

General Data						
Dimensions (W*H*D) [mm]	290*220*120					
Weight [kg]	6.3					
Display	LED+LCD/ Bluetooth+App					
Communication	RS485/WiFi/LAN/4G (Optional)					
Operating Temperature Range [°C]	-30~+60					
Relative Humidity	0~100%					
Operation Altitude [m]	≤4000(if >2000 derating)					
Topology	Transformerless					
Cooling Concept	Natural Cooling					
Ingress Protection	IP66					