

SV

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

Single-phase On-grid Inverter



MODEL

SV1000TL-S1-AM11		SV1500TL-S1-AM11
SV2000TL-S1-AM11		SV2500TL-S1-AM11
SV3000TL-S1-AM11		SV3300TL-S1-AM11



Small and light, easy to install



Stylish appearance



IP66 rated for outdoor use



Flexible optional monitoring modes

Model	SV1000TL-S1-AM11	SV1500TL-S1-AM11	SV2000TL-S1-AM11	SV2500TL-S1-AM11	SV3000TL-S1-AM11	SV3300TL-S1-AM11
DC Input						
Max. Recommended Input Power[W]	1500	2250	3000	3750	4500	4950
Max. Input Voltage [V]				550		
MPPT Voltage Range [V]				60~520		
Rated Input 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	3600
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				97.40%		
Euro Efficiency				96.90%		
Protection						
DC Switch				Integrated		
Insulation Resistance Detection				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		
AFCI				Optional		
General data						
Dimensions (W*H*D) [mm]				346*350*122		
Weight [Kg]				9		
Display				LED+LCD/ Bluetooth+App		
Communication				RS485/WiFi/LAN/4G (Optional)		
Operating Temperature Range [°C]				-30 ~ +60		
Humidity				0 ~ 100%		
Operation Altitude [m]				≤ 4000(if > 2000 derating)		
Topology				Transformerless		
Type of Cooling				Natural cooling		
Ingress protection				IP66		