



### EASY-TO-INSTALL

- Quick and easy-to-install with basic tools
- Sufficient installation accessories and various optional accessories
- Quick set up WIFI to APP



### RELIABLE

- International quality standers
- IP65 waterproof for outdoor use
- Excellent low light sensitivity



### USER-FRIENDLY

- Zero export limitation
- Particular design for anywhere
- Smart string monitoring

## SOLAR GRID TIED INVERTER

### Technology Data

Model No	S1000TL	S1500TL	S2200TL	S3000TL	S3600TL	S4400TL	S5000TL	S6000TL
<b>DC Side / Input Parameters</b>								
Max DC power (W)	1200	1800	2500	3400	3680	4500	5500	6000
Max DC voltage (Vdc)	450	450	500	550	550	550	550	550
Min System start/Shut down voltage (Vdc)	75/100	75/100	75/100	75/100	75/100	75/100	75/100	75/100
MPPT voltage range(Vdc)	100~450	100~450	100~500	100~550	100~550	100~550	100~550	100~550
Max. input current (A)			12.5				12.5/12.5	
Number of MPP trackers	1	1	1	1	2	2	2	2
Strings per MPP tracker	1	1	1	1	1	1	1	1
<b>AC Side / Output Parameters</b>								
Nominal output power (W)	1000	1500	2200	3000	3300	4000	4600	5500
Maximum output power (W)	1100	1650	2420	3300	3680	4400	5000	6000
Nominal output voltage/range (V)	208,220,230,240/180~270							
AC grid frequency/range (Hz)	50Hz,60Hz(auto-selection) / 44Hz-55Hz; 54Hz-65Hz							
Maximum output current (A)	6	8	12	17	16	21	23	26
AC connection (with PE)	Single phase							
Current distortion(THDi)	<1.5%	<1.5%	<1.5%	<1.5%	<2.5%	<2.5%	<2.5%	<2.5%
Power factor	~1%(Adjustable from 0.8 leading to 0.8 lagging)							
<b>Efficiency</b>								
Maximum conversion efficiency	97.3%	97.3%	97.4%	97.5%	97.8%	97.8%	97.5%	97.6%
European efficiency	97.0%	97.0%	97.1%	97.2%	97.3%	97.3%	97.2%	97.3%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
<b>Safety and Protection</b>								
DC reverse-polarity protection	yes							
Anti-islanding / Overvoltage protection	yes							
Short circuit protection	yes							
Leakage current protection	yes							
Grid monitoring / Ground fault monitoring	yes							
DC/AC side SPD(thermally protected)	yes							
<b>General Parameters</b>								
Dimension (L/W/H)(mm)	382/317/151				382/317/166			
Weight (kg)	10				13.5			
Embedded DC Switch	Optional							
Night power consumption (W)	< 0.2							
Isolation type	Transformerless							
Protection degree	IP65 according to IEC60529							
Operation temperature (°C)	-25 ~ +60							
Cooling concept	Natural convection							
Operating Altitude (m)	<2000m without power derating							
Acoustic noise level (dB)	< 25							
Display	Graphic LCD							
Communication Interface	Standard WIFI; RS485 (optional)							
Warranty	5 years; 5/7/10 years for optional							
<b>Certificates and Approvals</b>								
CE-(EMC/LVD) : EN(IEC) 61000-1/-2/-3/; EN(IEC) 62109-1/-2								