

■ S1000-6000TL



Big LCD display



Power export limit



Compact and easy to install



Wifi / GPRS / Lan communication optional



Great reliability



Good safety and quality



Specifications

Model	S1000TL	S1500TL	S2200TL	S3000TL	S3600TL	S4400TL	S5000TL	S6000TL
DC Side/Input Parameters								
Max DC power(W)	1500	2250	3300	4500	5400	6600	7500	7500
Max DC voltage (Vdc)	450	450	500	500	500	500	500	500
Min System start/Shut down voltage(Vdc)	65/70	75/100	75/100	75/100	75/100	75/100	75/100	75/100
MPPT voltage range(Vdc)	70~450	100~450	100~450	100~450	100~450	100~450	100~450	100~450
Max.input current(A)	13							
Number of MPP trackers	1	1	1	1	2	2	2	2
Strings per MPP tracker	1	1	1	1	1	1	1	1
AC Side/Output Parameters								
Nominal output power (W)	1000	1500	2200	3000	3600	4000	5000	6000
Maximum output power (W)	1100	1650	2420	3300	3960	4400	5500	6600
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	16	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)							
Efficiency								
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%
Safety and Protection								
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							
General Parameters								
Dimension (L/W/H)(mm)	370/277/115				434/340/115			
Weight(kg)	7				8			
Embedded DC Switch	Optional							
Night power consumption (W)	<0.2							
Isolation type	Transformerless							
Protection degree	IP65 according to IEC60529							
Operation temperature(°C)	-25°C~+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							
Certificates and Approvals:								
CE-(EMC/LVD) : EN(IEC) 61000-1/-2/-3/; EN(IEC) 62109-1/-2								