



S Series (Standard) Single Phase Solar GTI

1.0KW/1.5KW/2.2KW/3.0KW/3.6KW
4.4KW/5.0KW/6.0KW/8.0KW/10.0KW



Big LCD display



Power export limit



Compact and easy to install



Wifi/GPRS/Lan communication optional



Simpler

Quick and easy single person installation
Fault codes warning view on LCD display
Built-in limiter optional



Safer

comply with international quality standards
tested by TÜV, BV, Dekra etc.



Great reliability

IP65 ingress protection
10+years R&D accumulation and support

ANYTIME, ANYWHERE

REMOTE MONITORING PLATFORM

Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform.

S Series Single Phase



Technology Data

Model No	S1000TL	S1500TL	S2200TL	S3000TL	S3600TL	S4400TL	S5000TL	S6000TL
DC Side / Input Parameters								
Max DC power (W)	1500W	2250W	3300W	4500W	5400W	6600W	7500W	7500W
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)		13A				13A/13A		
Max.input short circuit per MPPT		17A				17A/17A		
Number of MPP trackers			1				2	
Strings per MPP tracker			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)								
AC grid frequency/range (Hz)								
Maximum output current (A)	6	8	12	16	16	21	25	26
AC connection (with PE)								
Current distortion(THDi)	<1.5%	<1.5%	<1.5%	<1.5%	<2.5%	<2.5%	<2.5%	<2.5%
Power factor								
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								
AFCI								
DC reverse-polarity protection								
Anti-islanding / Overvoltage protection								
Short circuit protection								
Leakage current protection								
Grid monitoring / Ground fault monitoring								
DC/AC side SPD(thermally protected)								
General Parameters								
Dimension (L/W/H)(mm)								
Weight (kg)								
Embedded DC Switch								
Night power consumption (W)								
Isolation type								
Protection degree								
Operation temperature (°C)								
Cooling concept								
Operating Altitude (m)								
Acoustic noise level (dB)								
Display								
Communication Interface								
Warranty								
Certificates and Approvals								
CE-(EMC/LVD) : EN(IEC) 61000-1/-2/-3/; EN(IEC) 62109-1/-2								