

SOFAR 1100~3300TL-G3

1100 / 1600 / 2200 / 2700 / 3000 / 3300 W

SINGLE-PHASE SINGLE MPPT



Product advantages

- Max. efficiency up to 97.7%
- Lightweight, quick and easy to install
- 140% DC overload
- IP65 design for outdoor
- RS485
- Feed-in limitation function
- Optional: WiFi/Ethernet



Model	SOFAR 1100TL-G3	SOFAR 1600TL-G3	SOFAR 2200TL-G3	SOFAR 2700TL-G3	SOFAR 3000TL-G3	SOFAR 3300TL-G3
Input (DC)						
Max. input voltage		500V			550V	
Rated input voltage			360V			
Start-up voltage			70V			
MPPT operating voltage range		50-500V			50-550V	
Number of MPP trackers			1			
Number of DC inputs			1			
Max. input MPPT current			12A			
Max. input short circuit current			15A			
Output (AC)						
Rated output power	1100W	1600W	2200W	2700W	3000W	3300W
Max. apparent power	1100VA	1600VA	2200VA	2700VA	3000VA	3300VA
Max. output current	5.3A	7.7A	10.6A	13A	14.5A	16A
Rated output voltage			L/N/PE, 230Vac			
Output voltage range			180Vac-276Vac			
Rated output frequency			50/60Hz			
Output frequency range			45Hz-55Hz/55Hz-65Hz			
Active power adjustable range			0-100%			
THDI			<3%			
Power factor			1 (adjustable +/0.8)			
Efficiency						
Max. efficiency		97.5%			97.7%	
European efficiency		96.9%			97.2%	
Protection						
DC reverse polarity protection			Yes			
Anti-islanding protection			Yes			
Leakage current protection			Yes			
Ground fault monitoring			Yes			
PV-array string fault monitoring			Yes			
DC switch			Yes			
SPD			PV: type III, AC: type III			
General Data						
Ambient temperature range			-50°C--60°C			
Self-consumption at night			<1W			
Topology			Transformerless			
Degree of protection			IP65			
Allowable relative humidity range			0-100%			
Max. operating altitude			2000m			
Cooling			Natural			
Dimension (W*H*D)		303*260.5*118mm			321*260.5*131.5mm	
Weight		5.5kg			6.3kg	
Display			LCD			
Communication			RS485/WiFi			
Standard	IEC/EN 61000-6-1/3, IEC/EN 61000-3-2/5, IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/50, IEC/EN 62109-1/2, VDE-AR-N 4105, CEI-21, VDE V 0126-1-1, V 0124-100, C10/11, G98, EN 50549-1					

*All specifications are subject to change without notice.