

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



Datasheet	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 MPPTs	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	-30 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 61000-3-2/3 IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/30, IEC/EN 62109-1/2 VDE-AR-N 4105, CEI0-21, VDE V 0126-1-1, V 0124-100, C10/11, G98,EN 50549-1					

*All specifications are subject to change without notice.