

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 for 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	
Rated apparent power	1100VA	1600VA	2200VA	2700VA	3000VA	3300VA	
Max. apparent power	1100VA	1600VA	2200VA	2700VA	3000VA	3300VA	
Rate output current	4.8A	7.0A	9.6A	11.8A	13.0A	14.3A	
Max. Output current	5.3A	7.7A	10.6A	13A	14.5A	16A	
Rated grid voltage	L/N/PE,230Vac						
Grid voltage range	180Vac-276Vac						
Rated frequency	50/60Hz						
Grid 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	Optional						
SPD protection	MOV: Type III standard						
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 61000-6-1/3, IEC 61000-3-2/3 IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/30, IEC 62109-1/2 AS/NZS 4777.2:2020						

*All specifications are subject to change without notice.