

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-0-21, VDE V 0126-1-1, V 0124-100, C10/11, G98, EN 50549-1					

*All specifications are subject to change without notice.