Onduleur monophasé SGN1300TL

Kod Electriquo: 97298

Dane techniczne:

- Pouvoir **1300 W**
- Tension [V] **180-270Vdc**
- Dimensions [mm] **380 x 320 x 140 mm**
- Fréquence **50 Hz** / **60 Hz**
- Poids net **12 kg**
- Nombre de phases dans le réseau **1 - fazowy**
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Efficacité maximale de 98,0 %

Haute efficacité dans une large plage de fonctionnement

Large plage de tension d'entrée CC et MPPT

Faible tension CC

Protection IP65 contre l'eau et la poussière

Interrupteur CC

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Model	SGN1300TL	SGN1800TL	SGN2300TL	SGN2700TL	SGN3000TL
Rated AC Power	1000 W	1500 W	2000 W	2500 W	2800 W
Max. AC Power	1100 VA	1650 VA	2200 VA	2500 VA	3080 VA
DC Input					
Max. Input Power	1300 W	1800 W	2300 W	2700 W	3200 W
Max. DC Input Voltage	500 Vdc	500 Vdc	500 Vdc	500 Vdc	500 Vdc
MPPT Operating Voltage Range	50 ~ 450 Vdc	70 ~ 450 Vdc	70 ~ 450 Vdc	70 ~ 450 Vdc	70 ~ 450 Vdc
Startup Voltage	50 Vdc	60 Vdc	60 Vdc	60 Vdc	60 Vdc
Initial Feeding Voltage	60 Vdc	90 Vdc	90 Vdc	90 Vdc	100 Vdc
Max. Input Current	12A	12A	12A	12A	12A
MPPT Number	1	1	1	1	1
Max. Number of PV Strings Per MPPT	1	1	1	1	1
AC Output					
Nominal AC Voltage	220 Vac / 230 Vac / 240 Vac				
AC Connection	L / N / PE				
AC Voltage Range	180 ~ 270 Vac (May vary as per corresponding country' s grid standard)				
AC Frequency Range	50/60 Hz, −5 Hz ... +5 Hz				
Max. Output Current	6 A	8.4 A	11.3 A	12.8 A	15.7 A
Power Factor	> 0.99, 0.8 leading to 0.8 lagging controllable				
THDi	< 1%				
Efficiency					
Max. Efficiency	> 97.1%	> 97.3%	> 97.3%	> 97.5%	> 97.5%
European Efficiency	> 96.5%	> 96.7%	> 96.9%	> 96.9%	> 96.9%
MPPT Efficiency	> 99.9%	> 99.9%	> 99.9%	> 99.9%	> 99.9%
Protection					
Anti-Islanding Protection	Integrated				
DC Reverse Polarity Protection	Integrated				
Insulation Monitoring	Integrated				
AC Over Current Protection	Integrated				
Residual Current Detection	Integrated				
Over Temperature Protection	Integrated				
DC Switch	Optional				
General Data					
Ambient temperature range	−25 ° C ~ +60 ° C				
Relative Humidity	0 ~ 95%				
Operating Altitude	< 2000m				
Dimensions (W / H / D)	380mm x 320mm x 140mm				
Weight	12 Kg	13 Kg	13 Kg	13 Kg	13 Kg
Mounting	Wall Bracket				
Topology	Transformerless				
Cooling Method	Natural convection				
Night Power Consumption	< 0.2 W				
Degree of Protection	IP65				
Noise Emision	< 30 dB				
Display	LCD 2 x 16 Characters				
Communication	GPRS / Wi-Fi / RS485 /Ethernet/WIFI/GPRS/USB				
Warranty	Standard 5 years 10/15/20/25 years extension optional				
Certifications & Standards					
Grid Regulation	VDE AR-N-4105, VDE 0126-1-1+A1, AS4777, CEI021, G83/1, G83/2, G59/2, G59/3, RD1663, IEC61727, UTE C15-712, MEA, PEA, ,EN50438,IEC61727				
Safety	IEC62109-1, IEC62109-2, AS/NZS3100				
EMC	IEC61000-6-2, IEC61000-6-3, AS/NZS3100				

UWAGA: Zdjęcie poglądowe dla całej rodziny produktów.

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