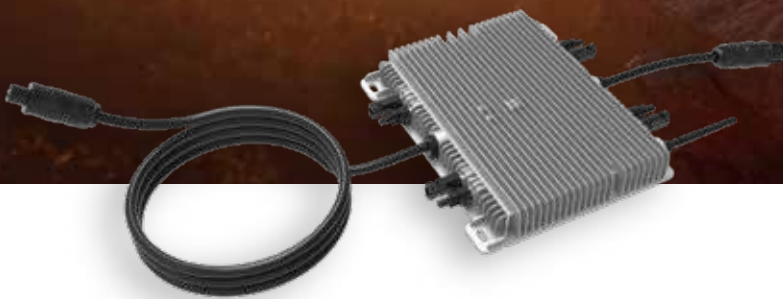


Mikro-Wechselrichter

planeo 

SUN1300G3-US-220/EU-230 SUN1600G3-US-220/EU-230
SUN2000G3-US-220/EU-230



Unterstützung für Blindleistungskompensation



4 MPP-Tracker, Überwachung der Modulebene



Schnellabschaltfunktion



IP67 Schutzart, 10 Jahre Garantie



PZigbee- oder WIFI-Kommunikation



max. DC-Eingangsstrom von 13 A,
Anpassung an 550 W PV-Modul

Technical Data

Model	SUN1300G3 -US-220	SUN1300G3 -EU-230	SUN1600G3 -US-220	SUN1600G3 -EU-230	SUN2000G3 -US-220	SUN2000G3 -EU-230
Input Data (DC)						
Recommended input Power (STC)	210~420W (4 Pieces)		210~600W (4 Pieces)		210~600W (4 Pieces)	
Maximum input DC Voltage	60V					
MPPT Voltage Range	25~55V					
Full Load DC Voltage Range (V)	26,5~55V		33~55V		40~55V	
Max. DC Short Circuit Current	4×19,5A					
Max. input Current	4×13A					
No.of MPP Trackers	4					
No.of Strings per MPP Tracker	1+1+1+1					
Output Data (AC)						
Rated output Power	1300W		1600W		2000W	
Rated output Current	5,9A	5,7A	7,3A	7A	9.1A	8.7A
Nominal Voltage / Range (this may vary with grid standards)	220V/ 0,85Un-1,1Un	230V/ 0,85Un-1,1Un	220V/ 0,85Un-1,1Un	230V/ 0,85Un-1,1Un	220V/ 0,85Un-1,1Un	230V/ 0,85Un-1,1Un
Nominal Frequency / Range	50 / 60Hz					
Extended Frequency / Range	45~55Hz / 55~65Hz					
Power Factor	>0.99					
Maximum units per branch	4		4		3	
Efficiency						
CEC Weighted Efficiency	95%					
Peak Inverter Efficiency	96.5%					
Static MPPT Efficiency	99%					
Night Time Power Consumption	50mW					
Mechanical Data						
Ambient Temperature Range	-40~65°C					
Size (mm)	267W×300H×42D (Without mounting bracket and cable)					
Weight (kg)	5.2					
Cooling	Natural cooling					
Enclosure Environmental Rating	IP67					
Features						
Compatibility	Compatible with 60~72 cell PV modules					
Communication	WIFI / Zigbee					
Grid Connection Standard	VDE4105 IEC61727/62116 VDE0126 AS4777.2 CEI 0 21 EN50549-1 G98 G99 C10-11 UNE217002 NBR16149/NBR16150					
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3					
Warranty	10 years					