

XTRA POWER Micro Inverter

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


SUN2000G3-US-220/EU-230



13 Max. DC input current of 13A, adapt to 600W PV module

R Support reactive power compensation

 IP67 protection degree, 10 years warranty

 4 MPP trackers, module level monitoring

 PLC, Zigbee or WIFI communication

 Rapid shutdown function

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)	210~400W (4 Pieces)		210~500W (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					
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	Power line / WIFI / Zigbee					
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEC61000-3-2, IEC61000-3-3					
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3					
Warranty	10 years					