







# Microinverter

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

SUN1800G3-US-220/EU-230 SUN2000G3-US-220/EU-230



-  Support reactive power compensation
-  Rapid shutdown function
-  IP67 protection degree, 10 years warranty
-  PLC, Zigbee or WIFI communication
-  1 MPP tracker, module level monitoring
-  Max. DC input current of 13A, adapt to 550W PV module

**Deye**

*Clean Power For You*

# Microinverter

Model	SUN1300 G3-US-220	SUN1300 G3-EU-230	SUN1600 G3-US-220	SUN1600 G3-EU-230	SUN1800 G3-US-220	SUN1800 G3-EU-230	SUN2000 G3-US-220	SUN2000 G3-EU-230
<b>Input Data (DC)</b>								
Recommended input Power (STC)	210~400W (4 Pieces)		210~500W (4 Pieces)		210~500W (4 Pieces)		210~600W (4 Pieces)	
Maximum input DC Voltage	60V							
MPPT Voltage Range	25~55V							
Operating DC Voltage Range	20~60V							
Max. DC Short Circuit Current	19.5Ax4							
Max. input Current	13Ax4							
Number of MPPT / Strings per MPPT	4 / 1							
<b>Output Data (AC)</b>								
Rated output Power	1300W		1600W		1800W		2000W	
Rated output Current	5.9A	5.7A	7.3A	7A	8.2A	7.8A	9.1A	8.7A
Nominal Voltage / Range (this may vary with grid standards)	220V/ 176-242V	230V/ 184-265V	220V/ 176-242V	230V/ 184-265V	220V/ 176-242V	230V/ 184-265V	220V/ 176-242V	230V/ 184-265V
Nominal Frequency / Range	50 / 60Hz							
Extended Frequency / Range	45~55Hz / 55~65Hz							
Power Factor	>0.99							
Maximum units per branch	4		4		3		3	
<b>Efficiency</b>								
CEC Weighted Efficiency	95%							
Peak Inverter Efficiency	96.5%							
Static MPPT Efficiency	99%							
Night Time Power Consumption	50mW							
<b>Mechanical Data</b>								
Ambient Temperature Range	-40~65°C							
Size (mm)	267Wx300Hx42.5D (Without mounting bracket and cable)							
Weight (kg)	5.2							
Cooling	Natural cooling							
Enclosure Environmental Rating	IP67							
<b>Features</b>								
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, IEE1547							
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3							
Warranty	10 years							