

Microinverter

SUN1300G3-US- 220

SUN1600G3-US-230

SUN1800G3-US- 230

SUN2000G3-US-230



Rapid shutdown function



IP67 protection degree, 10 years warranty



PLC, Zigbee or WIFI communication



4 MPP trackers, module level monitoring



Max. DC input current of 12.5A,
adapt to 600W PV module

Microinverter

Model	SUN1300G3-US-220	SUN1600G3-US-230	SUN1800G3-US-230	SUN2000G3-US-230
Input Data (DC)				
Recommended input Power (STC)	210~400W (4 Pieces)	210~600W (4 Pieces)	210~600W (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	16A			
Max. input Current	10.5A×4	12.5A×4	12.5A×4	12.5A×4
Output Data (AC)				
Rated output Power	1300W	1600W	1800W	2000W
Maximum output Power	1430W	1760W	1980W	2200W
Maximum output Current	6.2A	7.7A	8.6A	9.6A
Nominal Voltage / Range	220V / 184-265V	230V / 184-265V		
Nominal Frequency / Range	50 / 60Hz	50 / 60Hz		
Extended Frequency / Range	45~55Hz / 55~65Hz	45~55Hz / 55~65Hz		
Power Factor	>0.99	>0.99		
Maximum units per branch	4	4	3	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×42.5D (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			
Compliance	EN50549、VDE0126、VDE4105、IEC62109、CE、INMETRO			
Warranty	10 years			