

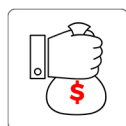
On-Grid Micro Inverter

SUN1300~2000G3-US-220/EU-230

COMPACT YET POWERFUL

G3 is the new generation of on-grid micro inverter with intelligent networking and monitoring system to ensure maximum efficiency.

1300-2000W G3 features 4-way independent MPPT input, highly efficient and reliable with max. AC output power up to 2000W.



Support Reactive Power Compensation



Rapid Shutdown Function



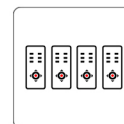
Max. DC Input Current of 13A, Adapt to 550W PV Module



IP67 Protection Degree, 10-Year Warranty



PLC, Zigbee or Wi-Fi Communication



2 MPPT Trackers, Module Level Monitoring

Micro Inverter Series

Model	SUN1300G3-US220 SUN1300G3-EU-230	SUN1600G3-US220 SUN1600G3-EU-230	SUN1800G3-US220 SUN1800G3-EU-230	SUN2000G3-US220 SUN2000G3-EU-230
DC Input				
Recommended Input Power (STC)	210-400W (4 PCs)	210-500W (4 PCs)	210-500W (4 PCs)	210-600W (4 PCs)
Maximum Input DC Voltage	60V			
MPPT Voltage Range	25-55V			
Operating DC Voltage Range	20-60V			
Max. DC Short Circuit Current	4 × 19.5A			
Max. Input Current	4 × 13A			
Number of MPPT / Strings per MPPT	4 / 1			
AC Output				
Rated Output Power	1300W	1600W	1800W	2000W
Rated Output Current	5.9A(US) / 5.7A (EU)	7.3A(US) / 7A (EU)	8.2A(US) / 7.8A (EU)	9.1A(US) / 8.7A (EU)
Nominal Voltage / Range (Varies with Grid Standards)	220V / 176-242V(US) 230V / 184-265V(EU)			
Nominal Frequency / Range	50 / 60Hz			
Extended Frequency / Range	45-55Hz / 55-65Hz			
Power Factor	>0.99			
Maximum Units per Branch	4	4	3	3
Efficiency				
CEC Weighted Efficiency	95.00%			
Peak Inverter Efficiency	96.50%			
Static MPPT Efficiency	99.00%			
Night Time Power Consumption	50mW			
General				
Operating Temperature Range	-40-65°C			
Dimension (W x H x D)	276 × 300 × 42 mm (Without Mounting Bracket and Cable)			
Weight	5.20KG			
Cooling	Natural Convection			
Protection Degree	IP67			
Warranty	10 Years			
Compatibility	Compatible with 60-72 Cell PV Modules			
Communication	Power Line / Wi-Fi / Zigbee			
Certifications and Standards				
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, IEEE1547			
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3			
Note: Specifications are subject to change without advance notice.				