

Microinverter

SUN500G-230-EU SUN600G2-US-208/240
 SUN600G2-US-220 SUN600G2-US-127



2 MPP trackers, module level monitoring



IP67 protection degree, 10 years warranty



Rapid shutdown function



PLC, Zigbee or WIFI communication

Technical Data

Model	SUN500G-230-EU	SUN600G2-US-208/240	SUN600G2-US-220	SUN600G2-US-127
Input Data (DC)				
Recommended input Power (STC)	210~400W (2 Pieces)	210~400W (2 Pieces)	210~400W (2 Pieces)	210~350W (2 Pieces)
Maximum input DC Voltage	60V			
MPPT Voltage Range	25~55V			
Operating DC Voltage Range	20~60V			
Max. DC Short Circuit Current	13A			
Max. input Current	10.4A×2			
Output Data (AC)				
Rated output Power	600W	600W	600W	500W
Maximum output Power	600W	600W	600W	500W
Maximum output Current	2.2A	2.9A / 2.5A	2.7A	4A
Nominal Voltage / Range	184~265V	208V / 183~229V 240V / 211~264V	176~242V	a.c.95~155V @127Vac
Nominal Frequency / Range	50.0 / 47.5~51.5Hz	60.0 / 59.3~60.5Hz	60.0 / 59.3~60.5Hz	60.0 / 59.3~60.5Hz
Extended Frequency / Range	50.0 / 45~55Hz	60.0 / 55~65Hz	60.0 / 55~65Hz	60.0 / 55~65Hz
Power Factor	>0.99			
Maximum units per branch	11	8/10	9	6
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)	185W×161H×29D (Without mounting bracket and cable)			
Weight (kg)	2.4			
Cooling	Natural cooling			
Enclosure Environmental Rating	IP67			
Features				
Compatibility	Compatible with 60~72 cell PV modules			
Communication	Power line / WIFI / Zigbee			
Compliance	UL1741、VDE0126、VDE4105、IEC62109、CE、INMETRO			
Warranty	10 years			