

Microinverter

Ant-2000G1-US
Ant-2000G1-EU



Product Features

- Individual MPPT tracking
- Cost-effective easy operation
- IP67 protection degree
- Remote WiFi monitor
- High reliability and efficiency up to 96.0%
- Support parallel operation

Technical Data

Model	Ant-2000G1-US	Ant-2000G1-EU
Input Data (DC)		
Recommended PV Module Power	280W-650W	
Start-up Voltage	20V	
MPPT Voltage Range	28-55V	
Max. Input Voltage	60V	
Max. Input Current	14.5A*4	
Max. DC Short Circuit Current	19A*4	
Number of MPPTs	4	
Output Data (AC)		
Rated output power	2000VA	
Nominal Output Voltage	220V	230V
Extended Output Voltage Range	176-242	184-253
Nominal Output Current	8.7	
Nominal Frequency/Range	60Hz/55-65	50Hz/45-55
Power Factor	>0.99 default	
Total Harmonic Distortion (THD)	<3%	
Max. Units Per Branch	3	
Efficiency		
Peak Efficiency	96.00%	
CEC Efficiency	95.50%	
Static MPPT Efficiency	99.50%	
Night Power Consumption	<50mW	
Mechanical Data		
Ambient Temperature Range	-40°C ~ +65°C	
Dimensions(WxHxD)	300mm*280mm*50mm	
Weight	7kg	
Enclosure Rating	IP67	
Cooling	Natural Convection - No Fans	
Type of Isolation	High Frequency Transformers	
Monitoring & Communication		
Communication	WiFi	
Energy Management	Solarman Online Platform	
Certifications & Warranty		
Certifications	IEC62109-1, IEC62109-2: IEC61000-6-1, IEC61000-6-3; 515ordinance	