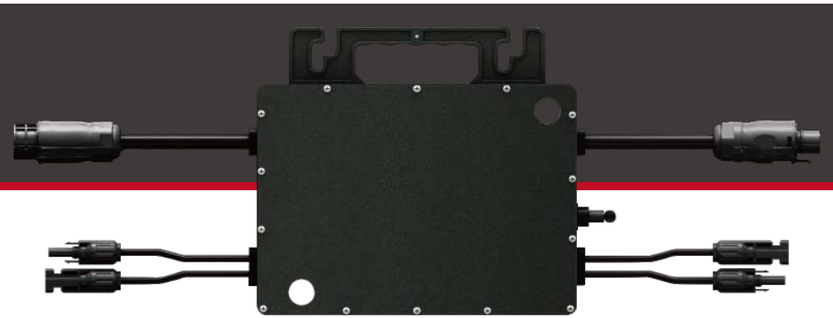
Microinverter

Ant-800G1-US
Ant-800G1-EU



Product Features

- Individual MPPT tracking
- Cost-effective easy operation
- IP67 protection degree
- Remote WiFi monitor
- High reliability and efficiency up to 96%
- Support parallel operation

Technical Data		
Model	Ant-800G1-US	Ant-800G1-EU
Input (DC)		
Recommended Input Power (Wp)	210 to 500W+ (2 Pieces)	
Max. Input DC Voltage (Vdc)	60	
MPPT Voltage Range (Vdc)	25~55	20~55
Start-up Voltage (Vdc)	20	
Max. Input Current (A)	13.5×2	
Max. DC Short Circuit Current (A)	16.5×2	
Output (AC)		
Rated Output Power (W)	800	
Max. Output Current (A)	4	3.5
Nominal Grid Voltage (V)	220	230
Grid Voltage Range (V)	184~253	
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor	0.99(default),-0.95(lagging),+0.95(leading)	
Maximum Units per Branch	5	
Efficiency		
CEC Weighted Efficiency	95.50%	
Peak Inverter Efficiency	96.00%	
MPPT Track Efficiency	>99.50%	
Night Time Power Consumption (mW)	<50	
Mechanical Data		
Operation Temperature Range (°C)	-40~65	
Dimension (mm)	260Wx225Hx32D	
Weight (kg)	2.9	
Cooling	Natural cooling	
Noise (dB)	<15	
Protection Degree	IP67	
General		
Display	LED, APP	
Communication	Built-in Wifi	
Compliance	IEC 62109,IEC 61000,VDE4105	