

# Microinverter

AU-1P5001G

AU-1P6001G

Renewable  
energy  
for all the world



- Rapid shutdown function
- PLC, Zigbee or WIFI communication
- 2 MPPTs module level monitoring
- IP67 protection degree 10 years warranty

Input Data (DC)	AU-1P5001G-230-EU	AU-1P6001G-208/240-US	AU-1P6001G-220-US	AU-1P6001G-127-US
Recommended Input Power (STC)	210-400W(2 Pieces)			210-350W
Maximum input DC Voltage	60V			60V
MPPT Voltage Range	25V-55V			25V-55V
Operating DC Voltage Range	20V-60V			20V-60V
Max DC Short Circuit Current	13A			13A
Max input Current	13*2			13*2
Output Data (AC)				
Peak output Power	600W			500W
Maximum output Power	600W			500W
Maximum output Current	2.17A	2.884A/2.5A	2.7A	4A
Nominal Voltage/Range	184-265V	208V/183-229V 240V/211-264V	176-242V	a.c95-155V @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			>0.99
Maximum units per brance	8			5
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			
Dimensions (W*H*D)	185*161*29mm (without mounting bracket and cable)			
Weight (kg)	2.4			
Cooling	Natural convection-No fans			
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			

