

**ON-GRID SOLAR INVERTER**

**AN-OGI 6000W/10000W**



»» **Features**

- Pure Sine Wave Solar Inverter;
- Configurable input voltage range for home appliances and personal computers via LCD setting;
- Combind to the grid based on applications via LCD setting;
- Compatible to mains voltage;
- Auto restart while AC is recovering;
- Overload/ Over temperature/ short circuit protection;
- Cold start function;
- IP65 waterproof and dustproof;
- Current Transformer and Wifi funtion
- Solar and Utility can work for home load Together
- Full load work with solar only

MODEL	AN-OGI-6KW	AN-OGI-10KW
<b>RATED POWER</b>	<b>6000W</b>	<b>10000W</b>
Phase	1-phase in /1-phase out	
Maximum PV Input Power	9000W	13500W
<b>DC INPUT</b>		
Maximum Input Voltage	500VDC	
Start Voltage	90VDC	
Rated Input Voltage	360VDC	
MPPT Voltage Range	60VDC-450VDC	
Number of MPPT Trackers	2	3
Number of Strings per MPPT	1/2	1/3
Maximum Current per MPPT	18A*2	18A*3
Maximum short-Circuit Current per MPPT	23A	
<b>AC OUTPUT</b>		
Maximum Output Current	26A	43A
Rated Output Power	6KW	10KW
Maximum Output Power	12KW	20KW
Rated Grid Frequency	50Hz/60Hz	
Rated Grid Voltage	220VAC/230VAC/240VAC	
Power Factor	>0.99	
THDi	<3%	
<b>EFFICIENCY</b>		
Maximum Efficiency	98.3%	
European Efficiency	97.3%	
MPPT Efficiency	99%	
<b>PROTECTION</b>		
DC Switch	Yes	
DC Reverse Polarity Protection	Yes	
Anti-islanding Protection	Yes	
AC Short-Circuit Protection	Yes	
Residual Current Monitoring Unit	Yes	
Insulation Resistance Monitoring	Yes	
Ground Fault Monitoring	Yes	
Grid Monitoring	Yes	
PV String Monitoring	Yes	
Surge Protection	Yes	
<b>PHYSICAL</b>		
Dimension, D xWx H(mm)	480x425x122	495x435x128
Net Weight	12kg	17.5kg
<b>GENERAL DATA</b>		
Display	Color LCD+LED+APP	
Communication	RS485/RS232/WiFi	
Cooling Method	Fan/Smart Cooling	
IP degree	IP65	
Humidity	5% to 95% (Non-condensing)	
Operating Temperature	-10°C~60°C	
Topology	Transformerless	
Maximum Operating Altitude	4000m	