

PV SOLAR INVERTER
AN-PVI-6000W/10000W

»» Features

- Pure sine wave inverter
- Configurable input voltage range for home appliances and personal computers via LCD setting
- Combined 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
- Dual mppt at 4KW and 6KW,three mppt at 10KW and 15KW
- Can Running 1.5P motor with 4KW inverter, 3P motor with 6KW inverter, 1.5P+3P motor with 10KW inverter, 3P+3P motor with 15KW inverter
- Full load work with solar only

MODEL	AN-PVI-6000W	AN-PVI-10000W
RATED POWER	6KVA/6KW	10KVA/10KW
Phase	1-phase in /1-phase out	
Maximum PV Input Power	4500W*2	4500W*3
GRID-TIE OPERATION		
PV INPUT(DC)		
Maximum DC Voltage	500Vdc	
Start-up Voltage /Initial Feeding Voltage	90Vdc/120Vdc	
MPPT Voltage Range	60-450Vdc	
Number of MPP Trackers/Maximum Input Current	2/18A	3/18A
GRID OUTPUT(AC)		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC(Selectable)	
Nominal Output Current	26A	43A
Power Factor	>0.99	
EFFICIENCY		
Maximum Conversion Efficiency(DC/AC)	97%	
OFF-GRID OPERATION		
AC INPUT		
AC Start-up Voltage /Auto Restart Voltage	120-140 VAC/180 VAC	
Acceptable Input Voltage Range	90-280 VAC or170-280 VAC	
Frequency Range	50 Hz/60 Hz(Auto sensing)	
Maximum AC Input Current	40A	50A
GENERAL		
PHYSICAL		
Dimension, D xWx H(mm)	300x278x106	316.8x310.6x107.3
Net Weight (kgs)	4.92	5.69
INTERFACE		
Parallel Function	No	
Communication Port	RS232(WIFI) CAN (Parallel)	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
IP degree	IP21	
Operating Temperature	-10°C~50°C	
Storage Temperature	-15°C~60°C	

»» Basic System Architecture
