

**ANKA MODEL**  
OFF GRID INVERTER



**DATASHEET**

MODEL	ANKA 3.6KW - 24V	ANKA 7.2KW - 48V	ANKA 11KW - 48V
Rated Power[VA/W]	3600/3600	7200/7200	11000/11000
Parallel Capacity	Yes	Yes, 6 units	
<b>INPUT</b>			
Voltage	230 VAC		
Selectable Voltage Range	170 - 280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50Hz / 60Hz (Auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%		
Surge Power	7500VA	15000VA	22 000VA
Efficiency (Peak)	93%		
Transfer Time	10 ms (For Personal Computers) ; 20ms (ForHome Appliances)		
Waveform	Pure sine wave		
<b>BATTERY</b>			
Battery Voltage	24 VDC	48 VDC	
Floating Charge Voltage	27 VDC	54 VDC	
Overcharge Protection	33 VDC	66 VDC	
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
Solar Charger type	MPPT		
Maximum PV Array Power	4000	8000 (4000x2)	11000
MPPT Range @ Operating Voltage	120 ~ 450	90 ~ 450	
Maximum PV Array Open Circuit Voltage	500		
Maximum Solar Charge Current	80	150	
Maximum AC Charge Current	80	150	
Maximum Charge Current	80	150	
<b>PHYSICAL FEATURES</b>			
Dimension D x W x H (mm)	147.4x432.5x553.6		
Net Weight (kgs)	14.1	18.4	
Communication Interface	USB / RS232 / RS485 / Wi-Fi (Non-condensing)		
<b>ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		
<b>STANDARD</b>			
Compliance	CE		