

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	
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170 - 280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50Hz / 60Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%		
Surge Power	7500VA	15000VA	22 000VA
Efficiency (Peak)	93%		
Transfer Time	10 ms (For Personal Computers) ; 20ms (ForHome Appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	24 VDC	48 VDC	
Floating Charge Voltage	27 VDC	54 VDC	
Overcharge Protection	33 VDC	66 VDC	
SOLAR CHARGER & AC CHARGER			
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	
PHYSICAL FEATURES			
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)		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		
STANDARD			
Compliance	CE		