



ATIX PRO MPPT SOLAR INVERTER

- Pure sine wave inverter
- Built-in solar charge controller
- Auto restart while AC is recovering
- Overload and short circuit protection
- Parallel operation up to 6 units only for 3K model



SPECIFICATION

MODEL	Atix Pro MPPT 1K-12	Atix Pro MPPT Plus 2K-24	Atix Pro MPPT Plus 2K-48	Atix Pro MPPT 3K-24V	Atix Pro MPPT 3K-24V
Rated Power	1000VA/800W	2000VA/1600W	2000VA/1600W	3000VA/2400W	3000VA/2400W
PARALLEL CAPABILITY	No	No	No	Yes, 6 units	Yes, 6 units
INPUT					
Voltage	110VAC/120 VAC				
Selectable Voltage Range	95-140 VAC(For Personal Computers) 65-140 VAC (For Home Appliances)				
Frequency Range	50 Hz/60 Hz (Auto sensing)				
OUTPUT					
AC Voltage Regulation (Batt. Mode)	110/120 VAC ± 5% (User selectable)				
Surge Power	2000VA	4000VA		6000VA	6000VA
Efficiency (Peak)	90%	90% - 93%		90%	90%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)				
Waveform	Pure sine wave				
BATTERY					
Battery Voltage	12 VDC	24 VDC	48 VDC	24 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC	27 VDC	27 VDC
Overcharge Protection	15.5 VDC	31 VDC	62 VDC	31 VDC	31 VDC
SOLAR CHARGER & AC CHARGER					
Solar Charger Type	MPPT	MPPT	MPPT	PWM	MPPT
Maximum PV Array Power	500 W	1500 W	3000 W	1250 W	2000 W
Operating Voltage Range	15 VDC ~ 80 VDC (MPPT Range)	30~ 115 VDC (MPPT Range)	60 ~ 115 VDC (MPPT Range)	30 ~ 40 VDC	30 ~ 80 VDC (MPPT Range)
Maximum PV Array Open Circuit Voltage	102 VDC	145 VDC		80 VDC	145 VDC
Maximum Solar Charge Current	40A	60 A		50 A	80 A
Maximum AC Charge Current	20A	30 A	15 A	60 A	60 A
Maximum Charger Current	60A	90 A	75 A	110 A	140 A
Maximum Efficiency	98%				
Standby Power Consumption	2 W				
PHYSICAL					
Dimension, D X W X H (mm)	100 X 272 X 355	140 x 295 x 479		125 x 300 x 450	
Net Weight (kgs)	6,8	11,5		10,5	11
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non-condensing)				
Operating Temperature	0°C to 55°C				
StorageTemperature	-15°C to 60°C				