



AGE 3000W MPPT



This is a hybrid inverter which combines solar system, AC utility, and battery power source to supply continuous power. It is suitable for remote areas where the cost of utility is too high or emergency usage when utility is not stable.

- > Pure sine wave solar inverter
- > Output power factor 1
- > High PV input voltage range
- > Battery independent design
- > Built-in 80A and 100A MPPT solar charger for 1.2K-2.5K and 3K-5K respectively
- > Battery equalization function to optimize battery performance and extend lifecycle
- > Built-in anti-dust kit for harsh environment

MODEL	AGE 3000W MPPT
RATED POWER	2500VA/2500W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%
Surge Power	5000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum PV Array Power	3000W
MPP Range @ Operating Voltage	60-400 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A
Maximum Charge Current	80 A
PHYSICAL	
Dimension, D x W x H (mm)	90 x 288 x 357
Net Weight (kgs)	6.5
Communication Interface	RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.