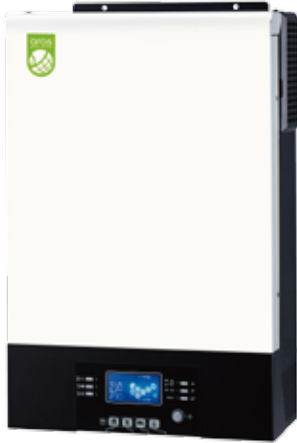




# AGE LEADER 6KW



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.

- > Zero (0ms) transfer time to protect mission-critical loads such as servers and ATMs
- > High PV input voltage range
- > Removable LCD control module with multiple communications
- > Selectable high power charging current
- > Selectable input voltage range for home appliances and personal computers
- > Configurable AC/Solar input priority via LCD setting
- > Compatible to AC mains or generator power
- > Reserved communication port for BMS (RS485 or CAN-BUS)
- > Battery equalization for optimized battery performance and lifecycle
- > Built-in anti-dust kit



MODEL	AGE LEADER 6KW
Rated Power	6000VA/6000W
Parallel Capability	Up to 9 units
<b>INPUT</b>	
Voltage	230 VAC
Voltage Range	110-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation	230 VAC $\pm$ 5%
Output THDv	<3% for linear load, <5% for non-linear load
Efficiency (Peak)	94 % at Line Mode, 92% at Battery Mode
Transfer Time (AC Mode to Battery Mode)	0 ms
Transfer Time (Inverter to Bypass)	4 ms
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	40 ~ 66 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	6000 W
MPP Range @ Operating Voltage	120~430VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12.0
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
<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

Product specifications are subject to change without further notice.