



AGE 6KW WP

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.

- › IP65 waterproof and dustproof makes the inverter available for various working conditions
- › Self-consumption and feed-in to the grid
- › Programmable supply priority for PV, Battery or Grid
- › User-adjustable charging current and voltage
- › Programmable multiple operations modes: Grid tie, Off grid, and grid-tie with backup
- › Reserved communication port for BMS (RS485)
- › Parallel operation up to 9 units

MODEL	AGE 6KW WP
Max. PV Array Power	6500 W
Rated Output Power	6000 W
Maximum PV Array Open Circuit Voltage	550 VDC
MPPT Range @ Operating Voltage	120 VDC ~ 450 VDC
MPP Tracker Number	1
GRID-TIE OPERATION	
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC or 184 ~ 264.5 VAC (Selectable)
Nominal Output Current	26A
Power Factor	> 0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	96%
OFF-GRID, HYBRID OPERATION	
GRID INPUT	
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Frequency Range	50Hz / 60 Hz (Auto sensing)
Maximum AC Input Current	40 A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure Sinewave
Efficiency (DC to AC)	93%
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	196 x 360 x 665
Net Weight (kgs)	22.5
INTERFACE	
Parallel Function	Yes, 9 units
Communication Port	USB, RS-232, RS485 and dry contact
ENVIRONMENT	
Humidity	0~95% RH (non-condensing)
Operating Temperature	-25°C to 50°C

Product specifications are subject to change without further notice.