



KMAX II

8KW

Off Grid Solar Inverter



- Pure sine wave output
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- True galvanic isolation transformer design
- User-adjustable charging current
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Built-in timer for various mode of on/off operation
- Multiple communication for USB, RS-232, Modbus and SNMP
- Monitoring software for real-time status display and control

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MODEL	KMAX II 8KW
Rated Inverter Power	8000VA/8000W
PARALLEL CAPABILITY	YES, 6 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For 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	16000VA
Efficiency (Peak)	93%
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
No Load Power Consumption	<75W
DC Voltage	12 VDC \pm 5%, 100W
Dual Outputs	Yes
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	8000W (4000W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D X W X H (mm)	158.4 x 503.6 x 530.8
Net Weight (kgs)	20
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10 $^{\circ}$ C to 50 $^{\circ}$ C
Storage Temperature	-15 $^{\circ}$ C to 60 $^{\circ}$ C
STANDARD	
Compliance Safety	CE

* 120 VAC model may not reach to 7200W when unit operated under inverter mode

* Product specifications are subject to change without further notice

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