



# KMAX

3.6&7.2KW

## Off Grid Solar Inverter



- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on.
- Parallel operation with 6 units for 7200VA model
- Dual outputs selected as either programmable output or generator input



# KMAX 3.6&7.2KW

Off Grid Solar Inverter



MODEL	KMAX 3600-24-230	KMAX 7200-48-230
Rated Inverter Power	3600VA/3600W	7200VA*7200W
PARALLEL CAPABILITY	NO	YES, 6 units
<b>INPUT</b>		
Voltage	230 VAC	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers) / 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	230VAC ± 5%
Surge Power	7500VA	15000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	<45W	<70W
Optional DC Voltage	12 VDC ± 5%, 100W	12 VDC ± 5%, 100W
Dual Outputs	YES	
<b>BATTERY</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger type	MPPT	
Maximum PV Array Power	4000W	8000W (4000W x 2)
MPPT Range @ Operating Voltage	120 ~ 450 VDC	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum Solar Charge Current	80A	80A
Maximum AC Charge Current	80A	80A
Maximum Charge Current	80A	80A
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	147.4 x 432.5 x 553.6	
Net Weight (kgs)	14.1	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10 C to 50 C	
Storage Temperature	-15 C to 60 C	
<b>STANDARD</b>		
Compliance Safety	CE	

\* Product specifications are subject to change without further notice

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