



KMS

1KW / 1.5KW

Off Grid Solar Inverter



- Pure sine wave solar inverter
- Built-in 40AMP PPT solar charger
- PV input voltage range 20-150VDC (for 1000w), 30~150VDC (for 1500W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- meet rich customized demands
- Solar energy is provided directly to the load first

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MODEL	KMS-1KW	KMS-1.5KW
Rated Power	1000W/1000VA	1500W/1500VA
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(For Personal Computers)	
	90-280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC \pm 5%	
Suroe Power	2000VA	3000VA
Efficiengy(Peak)PV to INV	98%	
Efficiengy(Peak)Battery to INV	94%	
Transfer Time	10 ms	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	32VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	600W	1200W
MPPT Range @Operating Voltage	20-150VDC	30-150VDC
Maximum PVArray Open Circuit Voltage Solar	150VDC	
Maximum Solar Charging Current	40A	
Maximum AC Charging Current	40A	
Maximum Solar+ AC Charging Current	B0A	
PHYSICAL		
Dimension,D*W*H(mm)	290*240*91	
Cartoon Dimension,D*W*H(mm)	340*295*145	
Net Weight(kgs)	3.5	3.6
Gross Weight(kgs)	4.0	4.2
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
STANDARD		
Compliance Safety	CE	

* Product specifications are subject to change without further notice

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