

## Solar Off Grid Inverter



KS-5000

### Features

- Pure sine wave inverter
- Output power factor 1 (only 0.8 for 3KP/5KP models)
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and lifecycle
- Optional remote panel available
- Parallel operation with up to 9 units only available



MODEL	KS-5000
Rated Power	5000VA / 5000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal 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	10000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	60 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	105 VDC
Maximum PV Array Power	2400 W
Standby Power Consumption	2 W
Maximum Solar Charge Current	50 A
Maximum AC Charge Current	60 A
Maximum Charge Current	110 A
PHYSICAL	
Dimension, D x W x H (mm)	155 x 295 x 455
Net Weight (kgs)	9.8
Communication Interface	USB/RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

All information contained in this document is subject to change without notice.