

SUDER[®] SOLAR POWER INVERTER SUA-2000A

- Compact Design
- LIT Low standby Technology
- High Efficiency



PRODUCT DETAILS

PRODUCT SIZE



PERFORMANCE INTRODUCTION

Inverter is a power equipment that can change DC (storage battery, solar cells, wind dynamo etc.) to AC. The efficient steel transformer, that is why Suder's power inverter is lighter, smaller than other similar inverter, when the inverter working in inverter mode , the output waveform is modified sine wave. It is a practical waveform that is similar to the sine waveform, this waveform is the most appropriate for the linear load and the electronic equipment that use the switching power supply, such as light bulbs, electric cooker, energy-saving lighters and so on also applies to inductive loads such as transformers and motors.

the inverter output modified sine-wave RMS voltage is 220V, it is the same as the standard of household power supply. Most AC voltmeter (digital and analog) is use the sensitive average waveform, rather than RMS. Their calibration is set in the RMS voltage , which is used measure the pure sine wave. But there is measure the output waveform of the inverter may have 20-30% lower than the normal. To measure the accuracy, please use the voltmeter that can measure the RMS.

Pic : Comparison of modified sine-wave and sine wave



SOLAR POWER INVERTER 2000VA

DC TO AC 12V—220V

MULTIPLE PROTECTION

- Automatic Shutdown
- Low Voltage Alarm
- Thermal Protection
- Short circuit protection
- Thermal Protection
- Ground Protection
- Anti - Interference
- Battery Protection
- Cold Load Protection
- Load protection

- LOW STANDBY POWER COST, HIGH CONVERSION EFFICIENCY.
- PERFECT INPUT OUTPUT PROTECTION, HIGH RELIABILITY.



SAMRT FAN WILL NOT RUN UNTIL REACHED ITS RUNNING TEMPERATURE.

INSTALLATION AND USE METHOD

CONNECTING DIAGRAM



SOLAR WIND ENERGY APPLICATIONS

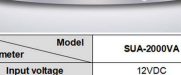


Installation connection steps please refer to the above connection diagram

1. First of all, turn off the inverter power.
2. Use the black DC cable to connect the negative terminal of the battery and the black post head of the inverter.
3. Use the red DC cable to connect the anode terminal of the battery and the red post head of the inverter.
4. Plug the power plug of the equipment in the inverter's output socket.
5. Press the inverter's switch then it can be used

ACCESSORIES FOR THIS MACHINE

A COPY OF THE INSTRUCTIONS
A PAIR OF DC CABLES



Model	SUA-2000VA
Input voltage	12VDC
Output Waveform	Modified Sine Wave
Max. Output Power	2000W
Output Voltage	220VAC± 5%
Output Frequency	50HZ
No-load Current	<0.3A
Product Size	24*9.5*5.5cm
Product Weight	0.9kg