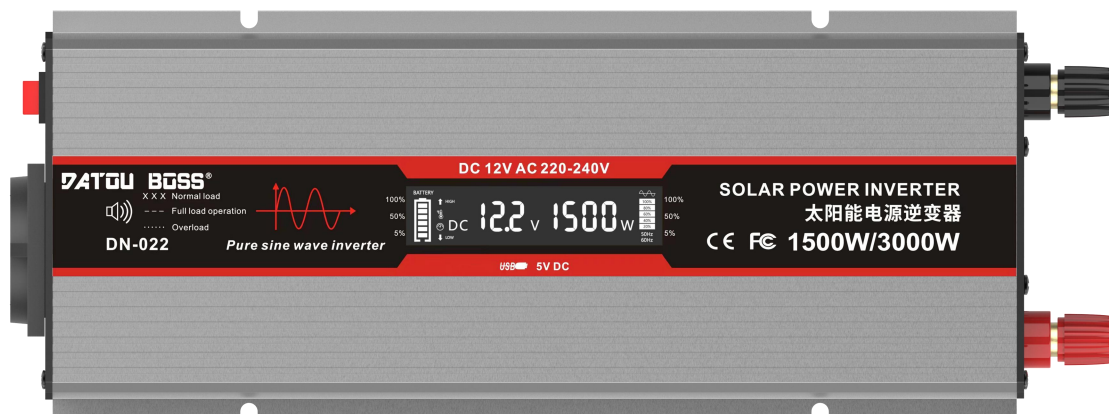


Pure Sine Wave Inverter

Instruction manual (1000W/1500W)



Product Features::

- The inverter power supply adopts MCU microprocessor-controlled SPWM technology, pure sine wave output, pure waveform.
- Unique dynamic current loop control technology ensures reliable operation of the inverter.
- Strong load adaptability, including inductive loads, capacitive loads, resistive loads and mixed loads.
- Perfect protection functions such as input over-voltage, under-voltage, overload, overheat and output short circuit.
- Sine wave inverter adopts LCD liquid crystal display, the status is clear at a glance.

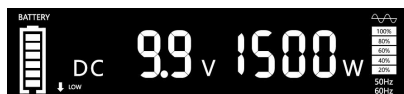
Display Instructions:



Power-on display: display the current ambient temperature when the inverter starts up.



High-voltage protection: If the input voltage exceeds the applicable range, it will trigger the high-voltage protection.



Low-voltage protection: Input voltage is lower than the applicable range, trigger low-voltage protection, stop the output.



High temperature protection: the inverter can not work normally at the current ambient temperature, high temperature protection.



Short-circuit protection: there is a fault in the electrical appliance or load circuit, short-circuit protection.



Overload protection: overload protection if the load power exceeds the rated value.

Specification:

Product Model	DN-022	DN-023
Output power	1000W	1500W
Display	LCD liquid crystal display	LCD liquid crystal display
Input Voltage	12V/24V	
Input range	12V (10-15) 24V (20-30)	
Low voltage protection	10V	10V
Overvoltage protection	15V	15V
No-load current	0.7A	0.8A
Output Voltage	230V	230V
Output frequency	50Hz/60Hz	50Hz/60Hz
Output waveform	pure sine wave	pure sine wave
Overheating protection	80° ±5	80° ±5
Conversion efficiency	≥90%	≥90%
Cooling method	Built-in air-cooled	Built-in air-cooled
Overall Dimension	31*12*6.4cm	31*12*6.4cm
Product weight	1.9kg	2.3kg

Installation Requirements:

1. Environment: dry, clean and ventilated.
2. Working temperature:-20°-80°.
3. Please connect with the battery of matching voltage.
4. Please use the original connecting cable.
5. Do not cover the inverter.

Caution:

- ◆ Installation and commissioning of this equipment should be carried out by professional electrical maintenance personnel who are familiar with the structure of the unit and the dangers of operation.
- ◆ Keep the inverter away from water, avoid making water drip on the machine or gradual to it, and do not plug or unplug it with wet hands.
- ◆ Keep the inverter away from flammable substances or places where flammable gases are piled up.
- ◆ High voltage is dangerous, please do not switch on the machine.
- ◆ Switch off the machine when it is not in use.