

# NDS SMART-IN SP2000-I Inverter IVT Pure Sine Wave 2000W



## Product description:

NDS SMART-IN SP2000-I Inverter IVT Pure Sine Wave 2000W

The NDS SMART-IN SP2000-I pure sine wave inverter ensures the operation of electrical devices up to 2000W supplied by a 12 Vdc battery.

The NDS SMART-IN SP2000-I is a power inverter that converts direct current (DC) energy to alternating current (AC) energy. This inverter can provide continuous power of 2000 watts and peak power of 6000 watts, enabling it to power a variety of electronic consumers.

Using advanced pure sine wave technology, the NDS SMART-IN SP2000-I inverter provides clean, high-quality power similar to that of the traditional power grid. This means that your sensitive devices, such as computers, laptops, televisions, and audio equipment, will be protected from possible damage caused by modified or poor quality sine waves..

Equipped with an intelligent fan system that adjusts fan speed according to load, reducing noise and power consumption. The solid and durable construction of the inverter ensures long life and robustness in harsh environments. It also features energy-saving features, such as automatic standby mode, which reduces power consumption when full power is not required.

The versatility of the NDS SMART-IN SP2000-I can be connected to batteries, solar panels, or other power generators to provide a stand-alone power solution in a variety of situations, such as camping, road trips, or emergencies.

## IVT function

The IVT function is an integrated priority system (Priority Switch type). This special IVT function, through the two 230V input and output sockets, allows management of the voltage coming from the inverter connected to the battery and from the external grid. When the external grid (grid) is connected in the system, it will have priority so as to preserve the battery; when it is

disconnected, it will be the inverter that will be supplied to the 230V output socket and the whole system connected to it.

### Protections

- Soft Start
- Overload and short-circuit protection
- Low battery alarm
- Reverse polarity protection
- Overtemperature protection

### TECHNICAL FEATURES NDS SMART-IN SP2000-I

Peak power: 6000 W  
Continuous power: 2000 W  
Waveform: Pure Sine Wave  
Output voltage: 230 V  
Output frequency: 50 Hz  
Input voltage: 12 Vdc / 230 Vac  
AC sockets: 1 x Schuko 230V 16A / USB 5V 2.1A  
DC battery connection: M8 threaded screw  
Operating ambient temperature: -20°C / 55°C  
Cooling: Forced ventilation  
Width: 385 mm  
Length: 270 mm  
Height: 107.5 mm

Looking for an inverter with different technical characteristics? [HERE](#) you can find the area dedicated to NDS or other specialized brand inverters.

Images and technical data are not binding and may be subject to revision by the manufacturer

### Product features:

Frequency (Hz): 50  
Output voltage (V): 230  
Length (mm): 385  
Width (mm): 270  
Height (mm): 107.5  
Input voltage (V):  
Kind of wave: Pure Sinusoidal  
Continuous power (W): 2000