



NDS SMART-IN SP1500 Inverter Pure Sine Wave 1500W

Reference: SP1500

NDS SMART-IN SP1500-I Inverter IVT Pure Sine Wave 1500W

The NDS SMART-IN SP1500-I pure sine wave inverter ensures the operation of electrical devices up to 1500W supplied by a 12 Vdc battery.

The NDS SMART-IN SP1500-I is a power inverter that converts direct current (DC) energy to alternating current (AC) energy. This inverter can provide continuous power of 1500 watts and peak power of 4000 watts, enabling it to power a variety of electronic consumers.

Using advanced pure sine wave technology, the NDS SMART-IN SP1500-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 multiple output sockets, the inverter allows you to connect several consumers at the same time, providing flexibility and convenience. You'll be able to power both low-power devices, such as cell phones and tablets, and more energetic devices, such as portable refrigerators or power tools.

Equipped with a range of protections, NDS SMART-IN SP1500-I ensures the safety of connected devices and the user. The inverter is designed to be compact and easy to use. It has standard alternating current (AC) outlets and USB outlets for connecting various devices.

The versatility of the NDS SMART-IN SP1500-I can be connected to batteries, solar panels, or other power generators to provide a stand-alone power solution in various 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 SP1500-I

Peak power: 4000 W
Continuous power: 1500 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: 322.4 mm
Length: 270 mm
Height: 107.5 mm

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The images and technical data are not binding and may be subject to revisions by the manufacturer.

Technical Sheet

Frequency (Hz)	50
Output voltage (V)	230
Length (mm)	323
Width (mm)	270
Height (mm)	107.5
Input voltage (V)	12 Vdc / 230 Vac
Kind of wave	Sinusoidale Pura
Continuous power (W)	1500