



NDS SMART-IN SM600 Modified Sine Wave Inverter 600W

Reference: 9620008239 - 12v

NDS SMART-IN SM600 Modified Sine Wave Inverter 600W

The NDS SMART-IN SM600 modified sine wave inverter ensures the operation of electrical devices up to 600W supplied by a 12 or 24 Vdc battery.

The NDS SMART-IN SM600 is a power inverter that converts direct current (DC) energy to alternating current (AC) energy. NDS SMART-IN SM600 can provide continuous power of 600 watts and peak power of 1200 watts, enabling it to supply a variety of electronic devices.

One of the main features of the NDS SMART-IN SM600 is its modified sine waveform. The NDS SMART-IN SM600 is equipped with several protections to ensure the safety of the user and connected devices including: overload protection, overheating, low input voltage and short circuit. This helps prevent damage to both the inverter and connected devices in case of abnormal events or power problems.

Equipped with an efficient cooling system that keeps the internal temperature of the inverter under control, ensuring stable and safe operation even during the most demanding conditions. The build quality of the NDS SMART-IN SM600 is high, using strong and durable materials that ensure a long service life of the inverter.

The NDS SMART-IN SM600 is designed to be compact and easy to carry, making it ideal for use when traveling, camping, boating, or other situations where portable power is needed. The inverter has a standard alternating current (AC) outlet and one or more USB outlets for connecting charging devices such as smartphones, tablets or communication devices.

Distinctive elements

- High frequency system
- High efficiency up to 93%
- Low self-consumption
- Input with professional connectors
- Provision for remote On/Off control
- Fully isolated input and output

Protections

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

TECHNICAL FEATURES NDS SMART-IN SM600

Peak power: 1200 W
Continuous power: 600 W
Waveform: Modified Sine Wave
Output voltage: 230 V
Output frequency: 50 Hz
Input voltage: 12 / 24 Vdc
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: 215 mm
Length: 140 mm
Height: 72 mm

Are you looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to NDS inverters or those of other specialized brands.

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)	215
Width (mm)	140
Height (mm)	70
Input voltage (V)	24
Kind of wave	Modified Sinusoidal
Continuous power (W)	600
Outputs	USB - 5V 2.1 A
Peak power (W)	1200