



## Voltage converter Green Cell Inverter 12V / 230V 500W/1000W

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Voltage converter Green Cell Inverter 12V / 230V 500W/1000W (modified sine wave)

Green Cell 12V to 230V 500W/1000W voltage inverter (modified sine wave)

An inverter, also known as an inverter or inverter, is a device whose function is to change the DC voltage from a car battery or cigarette lighter socket to ~230 V alternating current. This is exactly the voltage found in every household socket (Type F) throughout Europe. The inverter is an excellent choice for those going on a road trip in a car, camper or truck - it will give you the freedom to use all the necessary appliances that require an outlet to operate. The use of a modified sine wave ensures a simple inverter design, so the inverter has a lower failure rate and is very lightweight.

### Thoughtful design

The unit has been designed to make use as comfortable as possible. The front of the inverter is equipped with a mains socket suitable for plugs used throughout Europe and a USB port to charge our smartphone, e-book reader and any other device with USB connectivity. A fan is located on the back of the inverter to ensure adequate cooling of the device. The entire unit is enclosed in a small, yet very robust casing. The casing is made of high-quality aluminium, which makes it resistant to any mechanical damage or shock during travel. In addition, thanks to the materials used, the inverter is very lightweight.

### Voltage

The first parameter to be determined is the voltage of our battery, which should be fully compatible with the one stated on the inverter.

The most common voltage value is 12 volts, found in cars, campervans and some trucks, and 24 volts, used mainly in trucks.

#### Power

Once the voltage has been chosen, it is important to decide on the wattage of the inverter. It has a key aspect, as it tells us how many and which appliances it is able to supply with current. If you want to connect a device of your choice to the inverter, you need to check on the nameplate how much power it draws (if you want to connect more devices, the powers need to be added together). The power consumed by your device should not exceed 85% of the rated power of the inverter! For example, for a laptop drawing 100 W and a heater drawing 300 W, a suitable inverter would be one with a power rating of 500 W or more.

#### Intelligent fan

An intelligent fan ensures that the device is kept at the right temperature by automatically switching on when the operating temperature exceeds the permitted limit. Thanks to its high-quality materials and perfect fit to the case, it ensures uncompromising silence and high efficiency.

#### Safety first

The inverter is equipped with a number of necessary safety features to protect the user and connected devices. This is confirmed by CE and RoHS certifications, which stand for safety guarantees. Green Cell inverters are equipped with a replaceable fuse, which provides essential protection for the inverter and the connected devices. Its replacement is very simple and should not cause anyone any problems. We include spare fuses with each inverter to guarantee complete safety and the longest possible life of your equipment.

#### Included

- inverter
- cables to the battery
- cigarette lighter cable
- spare fuses
- operating manual
- Manufacturer
- Green Cell
- Model
- INV03DE
- Efficiency
- 85%
- Colour
- Black
- Dimensions with mounting bracket
- 196 x 106 x 62 mm
- Indicator
- LEDs
- Input voltage
- 12 V DC
- Output voltage
- 230 V AC
- Output voltage shape
- Modified sine wave
- Output frequency
- 50 Hz
- Usable power (continuous)
- 500 W

□ Instantaneous power (pulsed)

□ 1000 W

□ Fuse rating

□ 30 A

□ Number of fuses

□ 2

□ No-load power consumption

□ 1 A

□ Weight

□ 843 g

Price:

Before: € 46.002

**Now: € 45.01**

IT Accessories, Other