



Qoltec Pure Sine Wave Inverter Monolith | battery charger | UPS | 1000W | 2000W | 12V to 230V | LCD

Product code: 51942

Qoltec brand inverter with UPS function and battery charging with continuous power of 1000W and pure sinusoidal waveform. It is ideal where there is no direct access to the power grid. The product has built-in two mains sockets compatible with European plugs, USB port, LCD display, two fans and LEDs indicating the operation of the device.

It comes with a set of fuses, wires and a power cable.

THREE FUNCTIONS IN ONE DEVICE



Qoltec brand inverter is a combination of functions :

- **12 volt to 230 volt inverter**, when connected to the battery, the inverter draws the necessary energy to power the connected device,
- **Battery charger**, when connected to the mains, the device automatically enters battery charging mode,
- **UPS**, when a power outage from the mains is detected, the device goes into emergency power mode, using the energy stored in the battery until the mains voltage is restored.

The inverter can simultaneously charge the battery and power the connected devices.

VOLTAGE CONVERTER OR MOBILE ENERGY IN A PURE WAY



Qoltec brand inverter is a **pure sine wave**, produces the same current as a 230V socket, ensuring safety for all connected devices. Great for both during power outages, as well as during travel when we do not have access to an outlet.

When choosing a suitable inverter, it is **worth paying attention to the voltage of the battery**, which must be consistent with that indicated on the inverter to ensure that our equipment has the right conditions for work. Also **important is the number of connected devices**, for example, connecting a laptop and a printer, the power of both devices should be added up. Remember that the **power consumed by the connected device should not exceed 85% of the rated power of the inverter**.

DONT LOSE ENERGY ON THE JOURNEY



The product will be ideal as a power source in campers or trailers during family trips. With the inverter, you will be able to power your devices anywhere and enjoy convenience and comfort.

Depending on the power consumed by the device, **the 1000W inverter can power such devices as :**

RTV equipment : TV, game console, music equipment, radio,

Household appliances : refrigerator, microwave, freezer,

Office equipment : computers, printers, laptops,

Other : power tools.



The inverter can also be used not only on the go, but also as an emergency power source, such as backing up the CO furnace or to power equipment as a UPS during a temporary power outage from the power grid.



DURABLE AND LIGHTWEIGHT HOUSING



The case is designed from **high quality aluminum** that is resistant to **shock and mechanical damage**. It is an ideal choice for those who like to travel for long periods of time. Thanks to the inverter with built-in power socket, you can use almost any device that requires connection to the socket. Equipped with an **LCD display**, which monitors all the most important parameters of the device. The product has a **USB port** for charging mobile devices and a **fan** that takes care of proper cooling.

MULTIFUNCTIONAL LCD DISPLAY



The inverter is equipped with an LCD display, which informs us about the current battery level, the power of the connected devices, and the AC and DC voltage. You can monitor the operating parameters of the device, making it easy, safe and reliable to work with the inverter.

FULL GUARANTEE FOR SAFE USE



The product is equipped with a number of protections that guarantee full protection for connected devices. In addition, the kit includes a **spare fuse** to ensure the longest possible operation of the equipment.

The converter has : **UVP protection** - protects devices from too low voltage at the output, which affects the stability of connected devices, **SCP protection** - is a short circuit protection, **OVP protection** - is protection against too high output voltage and damage to connected devices, **OCP protection** - is protection against too high current on the line, **OTP protection** - is protection against overheating.

CONFIDENCE CONFIRMED BY A WARRANTY

Do you care about the high quality of the product you buy? Our solutions will meet your expectations. The product comes with a **24-month warranty** valid from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Rated Power	1000 W
Peak power	2000 W (5 second)
Input voltage	12 V
Input Voltage Range	190 260 VAC
Input current	10 A
Output voltage	230 V 5%
Waveform	Pure sine wave
Wave From Distortion	THD<3%
Output current	15 A
Idle current	>0.8 A
Output frequency	50 Hz 0.5HZ
Efficiency	90 %
Constant voltage charging	14.6 VDC
Float charge	13.8 VDC
Constant current charging	15 A
Cooling system	Intelligent cooling
USB	5V/1A
Protection	LVP/OVP/OCP/OTP/SCP
Protection against inverse polarity	Fuse
Usage	Kitchen equipment: fridge, microwave, blender, freezer, Office equipment: laptop, computer, printer, Other: power tools, hoover, hair dryer, fan, TV, games console, radio, music equipment, solar panels, boat charging, air conditioning, CO cooker
Additional information	Do not cover the ventilation holes of the device Remember to connect the wires and polarity of the power supply voltage correctly ! Soft start function
OTHER PARAMETERS	
Material	Aluminium
Operating temperature	-10°C ~ +50°C
Storage temperature	-30°C ~ +70°C
Dimensions (D/L x W x H)	180 x 400 x 70 mm
Package contents	1 x Inverter 4 x Fuse 1 x Wires set 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	225
Package width [mm]	445
Package height [mm]	95
Net weight [kg]	3.700
Gross weight [kg]	4.400
Certificate	CE
Warranty	24 month
EAN code	5901878519425