



## Qoltec Pure Sine Wave Inverter Monolith | 1000W | 2000W | 12V to 230V

Product code: 51934

The Qoltec inverter is a device that changes the 12 V direct voltage from the car installation to 230 V alternating voltage. It is ideal where there is no direct access to the power grid. The product has built-in mains sockets compatible with European plugs and a USB port.

### PURE SINE WAVE INVERTER



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 power value and 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**.

### COMPATIBLE WITH ANY TYPE OF POWER SUPPLY



The product is ideal as a power source in campers or trailers during family trips. Are you planning a longer camping or lakeside vacation and looking for a way to plug in your laptop or charge your phone on the yacht ? It is worthwhile to be well prepared. With a Qoltec brand inverter, you will be able to power your devices anywhere and enjoy convenience and comfort. The voltage converter will be the ideal power source for yacht and boat owners. This smart device will allow you to power your equipment during long trips away from home, it has a USB port and power outlets to which you can plug electrical devices. Without any obstacles, you can charge your phone, laptop or plug in any other device whose power does not exceed the power of the inverter. Devices up to 150W such as a smartphone or a laptop while traveling can be powered by the energy drawn from the cigarette lighter socket. For equipment with higher power, we recommend using a battery with parameters compatible with the inverter.



Depending on the power consumed by the device, the inverter can power :

- RTV equipment : TV, game console, music equipment, radio,
- Household appliances : refrigerator, fridge
- Office equipment : computers, printers, laptops,
- Other : power tools.



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. The product has a **USB port** for charging mobile devices and a **fan** that takes care of proper cooling .

## 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                                                                                                                                                                                                                                                                       |
| Output voltage                      | 230 V                                                                                                                                                                                                                                                                      |
| Waveform                            | Pure sine wave                                                                                                                                                                                                                                                             |
| Idle current                        | 0.6 A                                                                                                                                                                                                                                                                      |
| Output frequency                    | 50 HZ                                                                                                                                                                                                                                                                      |
| Efficiency                          | 89 %                                                                                                                                                                                                                                                                       |
| Cooling system                      | Fan                                                                                                                                                                                                                                                                        |
| USB                                 | 5V/2A (QC 3.0 - 18W)                                                                                                                                                                                                                                                       |
| Protection                          | UVP/OVP/OCP/OTP/SCP                                                                                                                                                                                                                                                        |
| Protection against inverse polarity | Fuse                                                                                                                                                                                                                                                                       |
| Usage                               | Kitchen equipment: fridge, microwave, blender, coffee machine, freezer,<br>Office equipment: laptop, computer, printer<br>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<br>Remember to connect the wires and polarity of the power supply voltage correctly !<br>Soft start function                                                                                                              |
| OTHER PARAMETERS                    |                                                                                                                                                                                                                                                                            |
| Material                            | Aluminium                                                                                                                                                                                                                                                                  |
| Operating temperature               | -10°C ~ +50°C                                                                                                                                                                                                                                                              |
| Storage temperature                 | -30°C do +70°C                                                                                                                                                                                                                                                             |
| Dimensions (D/L x W x H)            | 135 x 290 x 75 mm                                                                                                                                                                                                                                                          |
| Package contents                    | 1 x Inverter<br>4 x Fuse<br>1 x Wiring set<br>1 x Wiring wrench<br>1 x Warranty card<br>1 x Operating instructions                                                                                                                                                         |
| Package depth / length [mm]         | 180                                                                                                                                                                                                                                                                        |
| Package width [mm]                  | 350                                                                                                                                                                                                                                                                        |
| Package height [mm]                 | 90                                                                                                                                                                                                                                                                         |
| Net weight [kg]                     | 1.879                                                                                                                                                                                                                                                                      |
| Gross weight [kg]                   | 2.254                                                                                                                                                                                                                                                                      |
| Certificate                         | CE                                                                                                                                                                                                                                                                         |
| Warranty                            | 24 month                                                                                                                                                                                                                                                                   |
| EAN code                            | 5901878519340                                                                                                                                                                                                                                                              |