



Qoltec Pure Sine Wave Inverter Monolith | battery charger | UPS | 300W | 600W | 12V to 230V

Product code: 51940

Qoltec brand inverter with UPS function and battery charging with continuous power of 300W and sinusoidal waveform. It is ideal where there is no direct access to the power grid. The product has a built-in power socket compatible with European plugs, power cable, USB port, fan and LEDs indicating the operation of the device. It comes with a set of fuses and wires.

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 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 connect any other device whose power does not exceed the power of the inverter, what's more, you can charge the battery at the same time. Devices with a power of up to 150W such as a smartphone or laptop while traveling can be powered by energy drawn from the cigarette lighter socket.



Depending on the power consumed by the device, the inverter 300W can power :

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

Household appliances : refrigerator, fridge,

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. 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 | 300 W |
| Peak power | 600 W (5 second) |
| Input voltage | 12 V |
| Output voltage | 230 V |
| Output frequency | 50 Hz 0.5HZ |
| Waveform | Pure sine wave |
| Wave From Distortion | THD<3% |
| Constant current charging | 15 A |
| Constant voltage charging | 14.6 VDC |
| Input current | 10 A |
| Output current | 15 A |
| Idle current | >0.6 A |
| Float charge | 13.8 V |
| Input Voltage Range | 190 260 VAC |
| Efficiency | 90 % |
| Cooling system | Intelligent cooling |
| USB port | 5V/1A |
| Protection | LVP/OVP/OCP/OTP/SCP |
| Protection against inverse polarity | Fuse |
| Usage | No more than 300W . Check the power of the appliance before connecting it ! Kitchen appliances: refrigerator, freezer Office equipment: laptop, computer, printer Other: power tools, TV, games console, radio, music equipment, central heating cooker, etc. |
| Material | Aluminium |
| Operating temperature | -10°C ~ +50°C |
| Storage temperature | -30°C ~ +70°C |
| 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 |
| Dimensions (D/L x W x H) | 135 x 290 x 80 mm |
| Package contents | 1 x Inverter 2 x Fuse 1 x Wires set 1 x Wiring wrench 1 x Warranty card 1 x Operating instructions |
| Package depth / length [mm] | 180 |
| Package width [mm] | 355 |
| Package height [mm] | 90 |
| Net weight [kg] | 3.714 |
| Gross weight [kg] | 3.955 |
| Certificate | CE |
| Warranty | 24 month |
| EAN code | 5901878519401 |