



## Qoltec Uninterruptible power supply Pure Sine Wave UPS | 1000VA | 700W | constant phase | Grey

Product code: 50717

Pure Sine Wave series power supplies are uninterruptible power supplies specifically designed to back up power to all home and office equipment in the event of mains power failure. Equipped with the latest line interactive technology, CPU controlled PWM technology and fully protected modular circuit. It can also be used for emergency power supply for CO, stoves and fireplaces. Emergency power supply with fixed phase.

### A RELIABLE SOURCE OF ENERGY



The Pure Sine Wave uninterruptible power supply is of the highest class and made of high-quality materials. It is reliable when it detects a power outage, it **automatically switches to battery mode**, thus not allowing a power drop in the connected devices, allowing them to continue working. A characteristic feature of the power supply is **the production of an alternating voltage at the output with a purely sinusoidal waveform, that is, the same as in an electrical socket.**

### COMPATIBLE WITH ANY TYPE OF POWER SUPPLY

Qoltec's uninterruptible power supply combines multiple features to guarantee uninterrupted power to furnaces, CO pumps and other home appliances that require continuous power. In addition, it offers:

- constant phase,
- long backup period,
- line - interactive - when there is a power outage, the power supply switches to battery mode,
- high charging current,
- pure sine wave - that is the basis of safety and guarantee of compatibility with any type of power supply,
- modular CPU - controlled circuit,
- AVR function (automatic voltage regulator),
- protection against overload, short circuit, voltage drop, battery overcharging and discharging, overheating and reverse battery connection,
- powerful high - power transformer and specially designed heavy-duty circuit,
- double conversion - stable power supply is provided,
- 3-stage charging current selection,
- efficient heat dissipation,
- two output sockets.

## PHASE ALWAYS IN A FIXED PLACE

Load \ Capacity	350W	560W	700W
9 Ah	0 h 13 min	0 h 08 min	0 h 07 min
20 Ah	0 h 29 min	0 h 18 min	0 h 15 min
45 Ah	1 h 05 min	0 h 41 min	0 h 33 min
55 Ah	1 h 20 min	0 h 50 min	0 h 40 min
100 Ah	2 h 25 min	1 h 31 min	1 h 13 min
120 Ah	2 h 54 min	1 h 50 min	1 h 28 min
150 Ah	3 h 36 min	2 h 17 min	1 h 50 min
200 Ah	4 h 50 min	3 h 0 min	2 h 26 min

The big advantage of the Pure Sine Wave power supply is the **constant phase**, this means that regardless of the method of power supply, whether it is from a battery or an outlet, the phase is always in the same place.

## STABLE VOLTAGE WITHOUT CONNECTED BATTERY

When the battery is not connected, the power supply can still operate as an **Automatic Voltage Regulator** when the input range is 147-275V. The power supply **constantly protects the devices connected to it**, providing them with safe power supply and stable output voltage.

## FUNCTIONAL LED DISPLAY



The built-in LED display guarantees free management of the device operation. It keeps you informed about the device's status and parameters such as : **battery capacity, load, overload, battery status, mains access and input/output voltage**, making it easy, fast and reliable to work with the device. The LED display and built-in audible alarm inform you of :

- low battery voltage,
- battery discharge,
- 120% overload,
- 120% overload.

## PROTECTIONS

The power supply has been designed in accordance with all required standards and quality control system. **Equipped with a number of protections, it guarantees full protection of connected devices.** By following the instructions in our manual, you can enjoy trouble-free operation for many years.

## CONFIDENCE CONFIRMED BY A WARRANTY

Do you care about the high quality of the product you buy? Our solutions will meet your expectations. Each of the Pure Sine Wave uninterruptible power supplies we offer comes with a **24-month warranty valid from the date of purchase.**

## TECHNICAL DATA

Producer	Qoltec
Power	1000VA / 700W
Average power	9,5 W
Input parameters	
Input Voltage Range	147 - 275V
Input frequency range	45 - 65 Hz
Output parameters	
Output Voltage Range	230V AC
Output voltage precision	Battery mode: +3%; Network mode: +10%, -13%
Output frequency	Battery mode : 50/60 Hz 1%; Mains mode: synchronized with input frequency
Efficiency	Battery mode : >75 % ; Network mode : > 95 %.
Waveform	Pure sine wave
Transfer time	8ms
Other parameters	
Battery voltage	12 VDC
Average power of battery	13.5 W
Battery charging voltage	1000VA -- 13A Max
PFC	0.7
Screen	LED
Security	Against overvoltage Against overload Against short circuit Against high and low voltage Against overheating Against reverse battery connection
Signalling	Failure mode, low battery voltage, overload, overheating, other errors
Cooling system	Fan
Noise level	<56 dB, at 1m distance at full load
IP rating	IP20
Colour	Grey
Output sockets	1 x french 1 x schuko
Storage temperatures	-20°C ~ +40°C
Working temperature	-10°C ~ +40°C
Storage humidity	10-95% without condensation
Size	310 x 160 x 192 mm
Net weight [kg]	7,0000
Gross weight [kg]	7,5000
Package depth / length [mm]	205
Package width [mm]	370
Package height [mm]	235
Certificate	CE
Warranty	24 month
EAN code	5901878507170

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