



Qoltec Uninterruptible power supply Pure Sine Wave UPS | 500VA | 350W | constant phase | Grey

Product code: 50716

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.

DISCOVER THE STABILITY OF WORKING WITH QOLTEC'S 500VA PURE SINE WAVE UPS



Uninterrupted power supply for low-power devices such as monitoring systems, power tools, heaters, and many more for extended periods

The Pure Sine Wave UPS boasts the highest class and is made of high-quality materials. It is reliable in the event of a mains power outage, automatically switching to battery mode to prevent power loss to connected devices, allowing them to continue operating.

The Qoltec UPS combines many functions to ensure continuous power supply to devices such as:

- power tools,
- fans,
- monitoring systems,
- LED lighting,
- gate drives,
- CO heaters,
- pumps.

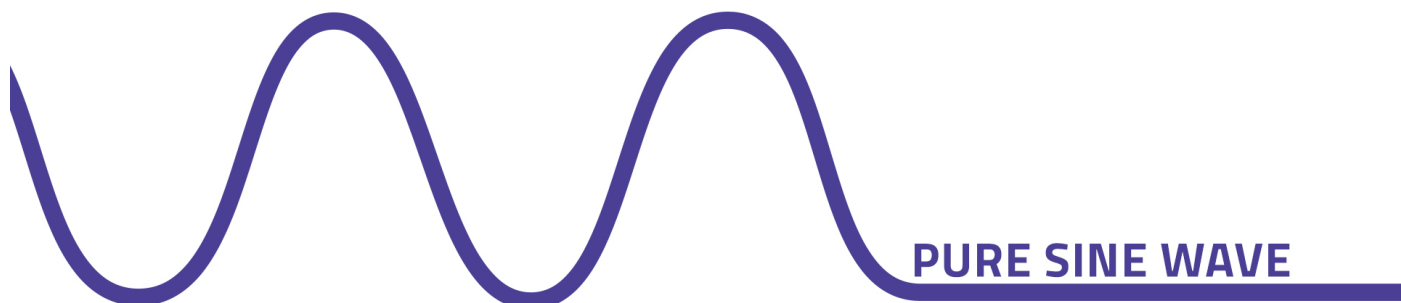
It will also find application in working with many other **low-power** devices requiring continuous power **for extended periods**. You may already envision the UPS Qoltec Pure Sine Wave 500VA 350W with a steady phase, perhaps in your basement, workshop, or garage, fulfilling its duty with a connected [battery](#).



PURE SINE WAVE - HIGHEST QUALITY AND DEVICE SAFETY

Stable, clean energy with a sinusoidal waveform for full device protection

Qoltec's online UPS units provide **stable, interference-free clean energy with a sinusoidal waveform**. This ensures full protection for your devices, thanks to **dual conversion**, which first converts AC mains power to DC, then back to AC, ensuring the highest level of power quality and protection against potential network disturbances such as voltage drops, power outages, surges, and failures.

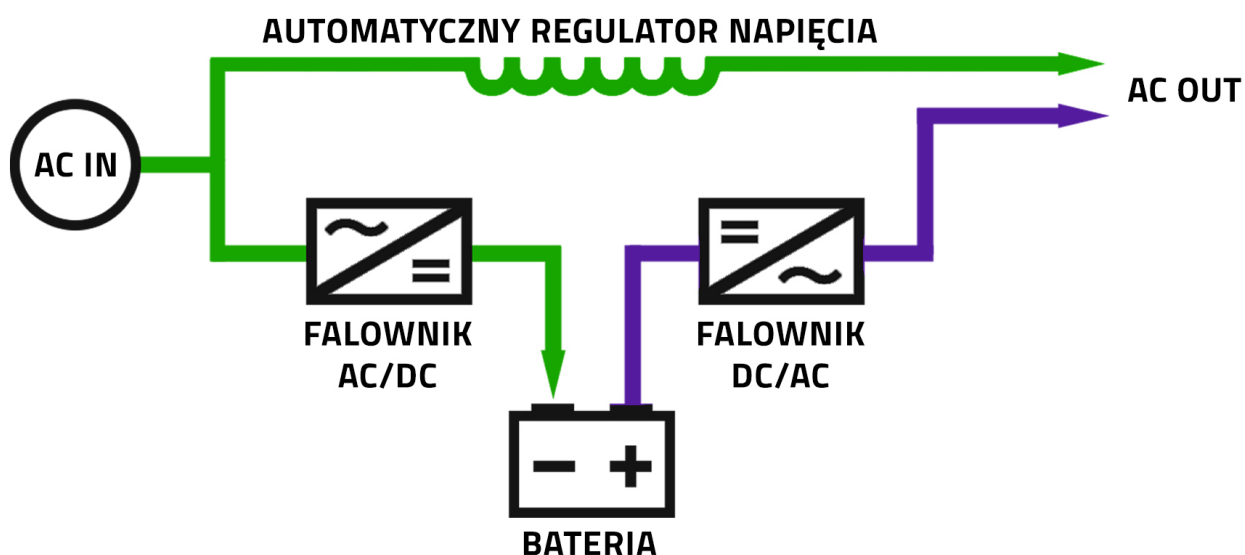


HOW LINE INTERACTIVE UPS WORKS



Built-in automatic voltage regulation circuit ensures constant voltage regulation

The Line Interactive UPS relies on a built-in AVR (Automatic Voltage Regulation) system. This means that the input voltage is automatically regulated. If there is a drop or increase in voltage, the AVR system adjusts it to a level close to the nominal value. The presence of such a solution in an uninterruptible power supply has a positive impact on the durability of the connected battery and provides a constant voltage to the connected device.



COMPATIBILITY WITH ANY TYPE OF POWER SUPPLY



Line interactive, pure sine wave, long backup time, 3-step charging current selection, and more

- Qoltec's 500VA UPS offers:
- long backup time,
 - line-interactive - switches to battery mode during power outages,
 - high charging current,
 - pure sine wave – ensuring safety and compatibility with any type of power supply,
 - CPU-controlled modular design,
 - AVR function (Automatic Voltage Regulator),
 - protection against overload, short circuit, voltage drop, overload, battery discharge, overheating, and reverse battery connection,
 - powerful transformer with high capacity and specially designed circuit with high load capacity,
 - dual conversion – delivering stable power.
 - 3-step charging current selection,
 - effective heat dissipation,
 - two output sockets.

CONSTANT PHASE IN ONE PLACE

Pojemność / Obciążenie	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

Constant phase always in one place regardless of the power source

A significant advantage of the Pure Sine Wave UPS is the **constant phase**, meaning that regardless of the power source, whether it's battery power or a socket, **the phase remains in one place**.

STRAIGHTFORWARD AND READABLE – FOR YOUR CONVENIENCE

Integrated LCD display ensures intuitive operation and monitoring of UPS parameters

The built-in LED display ensures easy device management. You receive real-time information about the status and parameters, making working with the device easy, fast, and reliable.

The LED display and audible alarm inform about:

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

FULL PROTECTION OF CONNECTED DEVICES



High standards of protection ensure the safety of connected devices

The UPS is designed in accordance with **all required standards and quality control system**. Equipped with a range of protections, it **ensures full protection of connected devices**. By following the instructions in our manual, you can enjoy uninterrupted device operation for many years.

TRUST CONFIRMED BY WARRANTY



Product covered by a 24-month warranty

Do you value the quality of the product you're buying? **Our solutions will meet your expectations**. Each of our Pure Sine Wave UPS units comes with a 24-month warranty effective from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Power	500VA/350W
Wave form	Pure sine wave
Input parameters	
Input Voltage Range	147 – 275 VAC
Input frequency range	45 – 65 Hz
Output parameters	
Output Voltage Range	230VAC
Output voltage precision	Battery mode: +3%; Network mode: +10%, -13%
Output frequency	Battery mode : 50/60 Hz 1%
Transfer time	8ms
Efficiency	Battery mode : >75 % ; Network mode : > 95 %.
BATTERY PARAMETERS	
Built-in battery	No
Number of batteries	1
Battery voltage	12V
Charge Current (AC)	7A
OTHER PARAMETERS	
PFC	0.7
Output sockets	1 x FRENCH (Typ E CEE 7/5) 1 x SCHUKO (Typ F CEE 7/3)
Screen	LED
Noise level	<56 dB, at 1m distance at full load
Cooling system	Fan
IP rating	IP20
Signalization	Failure mode, low battery voltage, overload, overheating, other errors
Security	- Against overvoltage - Against overload - Against short circuit - Against high and low voltage - Against overheating - Against reverse battery connection
Remarks	No battery included in the set. Follow the enclosed user manual for instructions.
Colour	Grey
Storage humidity	10 ~ 90% without condensation
Operating temperature	-10°C ~ +40°C
Storage temperature	-20°C ~ +40°C
Dimensions (D/L x W x H)	310 x 140 x 175 mm
Package depth / length [mm]	185
Package width [mm]	375
Package height [mm]	210
Net weight [kg]	5.0000
Gross weight [kg]	5.3000
Certificate	CE
Warranty	24 month
EAN code	5901878507163

