

# Qoltec Uninterruptible Power Supply UPS On-line | Pure Sine Wave | 10kVA | 8kW | LCD | USB

**Product code: 53044**

The Qoltec Pure Sine Wave on-line UPS emergency power supply will provide your device with clean energy at a constant output voltage and frequency, along with comprehensive protection, even for the most sensitive devices during power supply interruptions. Its features include, among others:
- Pure sine wave
- Zero switching time
- Double conversion

It will meet the requirements of anyone who wants to maintain control regardless of fluctuations in the mains power supply.

The possibility of connecting a compatible SNMP module: product code **50389**

## CHOOSE SAFE AND CLEAN ENERGY



If you've ever experienced voltage drops in the network resulting in device failures or the need to restart your computer, and even worse, you've lost important data due to such an event, we have a solution for you. The Qoltec UPS Pure Sine Wave 10kVA 8kW emergency power supply will **ensure a constant supply of energy necessary for the stable operation of your computer or server, and issues with power outages or voltage drops will no longer affect you.**

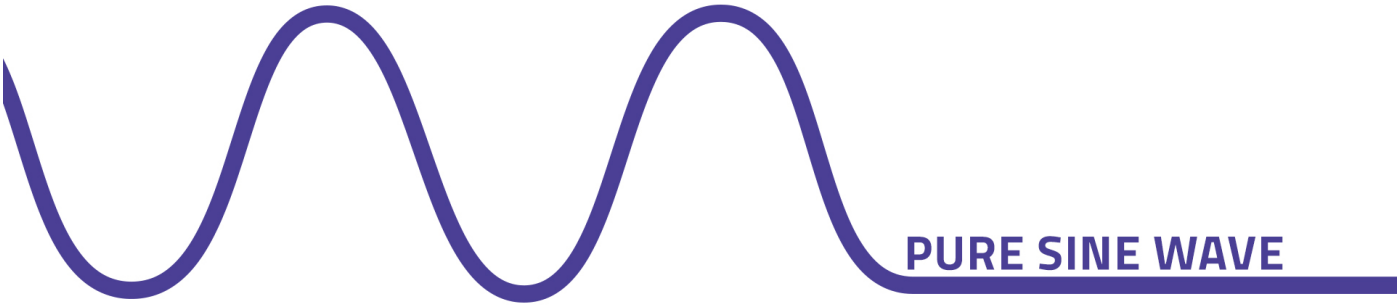



This model is equipped with an EPO (Emergency Power Off) module for **emergency shutdown of the UPS in the event of a fire hazard.** The device enables remote reception of a signal triggering blockage in the transfer of power to the connected electrical equipment installation. Using the Emergency Power Off module increases the operability of the system, separates the installation and **guarantees the safety of users in emergency situations.**

## PURE SINE WAVE - THE HIGHEST QUALITY AND SAFETY FOR POWERING YOUR DEVICES




Qoltec brand on-line UPS power supplies provide **stable, disturbance-free, pure energy with a sinusoidal waveform** . This offers complete protection for your devices through **double conversion**, which first converts the alternating current from the mains supply into direct current, and then back into alternating current, **ensuring the highest level of power quality and safeguarding against potential network disturbances such as voltage drops, power outages, surges, and failures**.



## HOW DOES AN ON-LINE UPS WORK?



An on-line UPS continuously processes voltage, and in the event of an unexpected drop in network voltage, the **power supply sustains the operation of the connected device through built-in batteries**, which are constantly recharged. Therefore, power from the network is only required for recharging the batteries. Devices permanently connected to the UPS will always receive clean, disturbance-free power drawn from the batteries, which is why **the output voltage of the on-line UPS will always remain constant** , regardless of the input voltage. The runtime of the devices is **several to several dozen minutes, providing enough time to save data and safely shut down the equipment**.

## A SOLUTION WORTH YOUR ATTENTION



The Qoltec 10kVA UPS offers:
- clean energy with a **sinusoidal waveform**, free from disturbances,
- **zero switchover time**, which is the speed at which the UPS switches to battery mode in the event of a power outage,
- **protection against overloads, short circuits, and overheating,**
- **double conversion**, providing stable power parameters,
- **cold start** - a very useful feature - in the event of a power outage, you can start a device, such as a computer, by connecting it directly to the UPS. This allows you to quickly, for example, copy important files to a USB drive or send an important email at any time,
- the option to install an **SNMP card or connect an SNMP adapter** , a network management standard for gathering information about connected devices and configuring their parameters (compatible SNMP module: product code **50389**),
- **EPO** (Emergency Power Off) module - a safety feature that allows you to remotely shut down the power supply in emergency situations, such as a fire,
- a **USB port**, allowing real-time monitoring of the UPS and customization to suit your needs,
- **RJ45** port - provides protection against surges through the LAN network,
- built-in set of 16 batteries.

## CLEAR LCD DISPLAY




The LCD display ensures **easy device management**. You receive real-time information about the status and parameters, making working with the power supply easy, fast, and reliable.

## TRUST CONFIRMED BY WARRANTY



Do you value high-quality products when making a purchase? Our solutions will meet your expectations. Each of our offered on-line UPS Pure Sine Wave power supplies comes with a **24-month warranty from the date of purchase**.

## TECHNICAL DATA

| | |
|---|---|
| Producer | Qoltec |
| UPS type | On-line |
| Power | 8kW |
| Rated Power | 10kVA |
| Wave form | Pure sine wave |
| Input voltage | 120 Vac ~ 275 Vac 5% (45 Hz - 55 Hz 0,5 Hz) |
| AC Input | ~50A |
| Output voltage | 220 Vac 1% (50 Hz 5 Hz) |
| AC Output | ~36.3A |
| Built-in battery | Yes |
| Number of batteries | 16 |
| Battery capacity | 7Ah |
| Battery voltage | 12V |
| Battery set voltage | 192V |
| Charging time | 8h (to fully charged) |
| Power factor | 0.8 |
| Crest factor | 03:01 |
| Sockets | 1 x USB (only for diagnostic)<br>1 x RS232<br>2 x RJ-45<br>1 x EPO (on request, the device can be equipped with EPO) |
| Communication interface | USB |
| Screen | LCD |
| Noise | 50dB |
| Usage | Computers, servers, alarm systems, routers; industrial and manufacturing environments; medical centers. |

| | |
|---|---|
| Safety | - Overload protection<br>- Overvoltage protection<br>- Short circuit protection<br>- High and low voltage protection |
| Additional information | - the possibility of connecting a compatible SNMP module: product code **50389**<br>- 1 phase<br>- output voltage in bypass mode: 80 VAC ~ 285 VAC 5% (50 Hz 0,5 Hz) |
| Remarks | Network uninterruptible power supplies designed for telecommunications equipment and data processing hardware, commonly known as uninterruptible power supplies (UPS). In the event of a power failure, they provide a "reserve" of energy, thereby protecting against data loss. |
| OTHER PARAMETERS | |
| Housing color | Black |
| Operating temperature | 0°C ~ +40°C |
| Dimensions (D/L x W x H) | 505 x 250 x 610 mm |
| Package contents | - UPS<br>- Power cable<br>- USB cable<br>- User manual<br>- Warranty card<br>- CD with software |
| Package depth / length [mm] | 350 |
| Package width [mm] | 650 |
| Package height [mm] | 720 |
| Net weight [kg] | 56.1000 |
| Gross weight [kg] | 64.0000 |
| Certificate | CE |
| Warranty | 24 months |
| EAN code | 5901878530444 |

| **LOAD** | Power backup time |
|---|---|
| **100W** | 458 min |
| **200W** | 229 min |
| **300W** | 152 min |
| **500W** | 91 min |
| **1000W** | 45 min |