



Qoltec Uninterruptible Power Supply UPS 3-phase | 20kVA | 16kW | LCD | EPO | SNMP | USB | On-line | Low frequency

Product code: 53985

The Qoltec low frequency Pure Sine Wave online UPS emergency power supply is designed for use in the most demanding industrial and server applications. It will provide your device with clean energy at a constant output voltage and frequency, as well as comprehensive protection when powering even the most sensitive devices. The design, which uses an isolation transformer, ensures a high level of protection against interference, surges and power grid failures.

Its features include:

- Pure sine wave,
- Zero switching time,
- Double conversion,

It will meet the requirements of anyone who wants to be in control regardless of mains power fluctuations, Built-in SNMP module.

YOUR RELIABLE PARTNER IN MAINTAINING THE CONTINUITY OF YOUR EQUIPMENT'S OPERATION



Complete protection against power outages

The most advanced type of UPS, which provides complete protection against power outages by regulating and stabilising the voltage at all times, making it ideal for sensitive equipment. Online UPS has a voltage that is constantly processed. In the event of an unexpected drop in mains voltage, the power supply unit keeps the connected device running. This is possible after installing appropriate batteries, which will be charged on an ongoing basis. Mains power is only needed to charge the batteries. Devices permanently connected to the power supply always receive clean energy without interference.

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



Zero switching time, high system efficiency, double conversion, ECO mode, transformer isolation

The Qoltec 20kVA UPS power supply is distinguished by:

- pure energy with a **sinusoidal waveform** free of interference,
- **zero switching time**, i.e. the speed at which the UPS switches to battery mode in the event of a power failure
- **protection against overload, short circuit and overheating**,
- **double conversion** – stable power supply,
- **built-in service bypass** – for trouble-free maintenance of the device,
- **RS-232 port** – a communication bus designed for serial data transmission,
- **EPO interface** – a function that allows remote shutdown of the power supply in emergency situations,
- **built-in SNMP module**,
- **2 fans** – provide intensive cooling of the device during continuous operation,

ADVANCED LOW FREQUENCY TECHNOLOGY FOR MAXIMUM EFFICIENCY

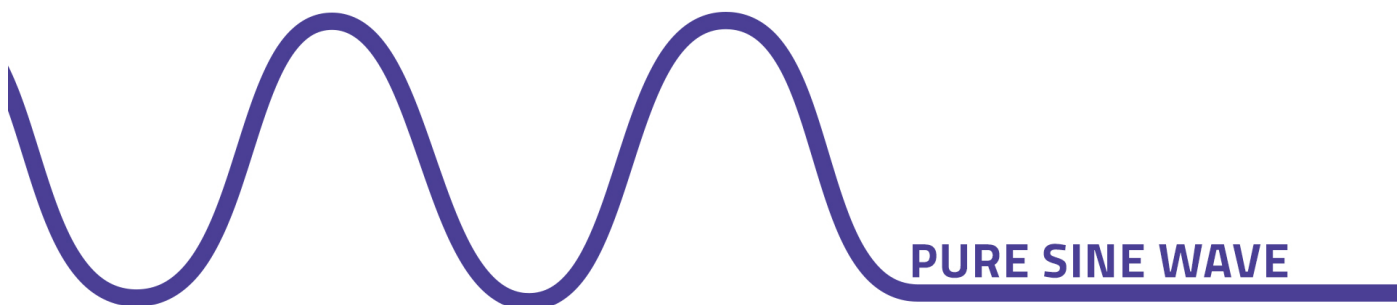


Highest Power and Reliability - Low Frequency Technology

The device utilises a low frequency transformer that operates at mains frequency (50/60 Hz). The UPS is more resistant to overloads and current surges, and is more durable mechanically and electronically. Designed to work with demanding loads (motors, compressors, pumps, servers with high start-up power consumption).

The clear LCD screen provides all the necessary information about the status of the device, operating parameters, battery charge level and settings.

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



Stable, clean, sine wave power without interference for complete protection of your devices

Qoltec UPS power supplies provide stable, interference-free, pure sine wave power. They offer complete protection for your devices thanks to **double conversion**, which first converts the mains AC power to DC power and then to AC power, **ensuring the highest level of power quality and protecting against potential mains disturbances such as voltage drops, power failures, surges and failures.**

MANAGE YOUR POWER SUPPLY WITH EASE THANKS TO THE CLEAR LCD DISPLAY.



The integrated LCD display ensures intuitive operation and monitoring of power supply parameters

The integrated LCD display makes device management intuitive and convenient. **The screen provides you with up-to-date information on the operating status and key parameters of the power supply unit.** This ensures that you are always up to date with the operation of the device, enabling you to respond quickly to any problems and optimise its operation to your needs. Working with the power supply becomes easy, fast and reliable, allowing you to focus on your main tasks without worrying about power stability.

READY FOR THE BIGGEST ENERGY CHALLENGES



Industrial technology for demanding users – Ideal for businesses, server rooms and industry

Thanks to **double conversion technology** and an **isolation transformer**, it provides **complete protection** for **sensitive electronics**, **medical systems**, **modern machinery**, **office equipment** and **network infrastructure**. It is the ideal choice for **companies that expect maximum uptime, high-quality power and complete reliability**. It is perfect for data centres, server rooms, production facilities, laboratories, telecommunications and anywhere where even a momentary interruption in operation can cause losses or safety hazards.

QUICK RESPONSE IN EMERGENCY SITUATIONS



Built-in EPO module

The power supply is equipped with an easily accessible EPO (Emergency Power Off) module, which allows you to completely cut off the power supply with a single button in emergencies, such as fire or flooding. It cuts off both the battery and mains power supply, which is essential for safety.

TRUST CONFIRMED BY WARRANTY



Product covered by a 24-month warranty
Do you care about the high quality of the product you buy? Our solutions will meet your expectations. Each of the UPS emergency power supplies we offer is covered by a **24-month warranty valid from the date of purchase**.

TECHNICAL DATA

Producer	Qoltec
UPS type	On-line
Wave form	Pure sine wave
Power	16000kW
Rated Power	20kVA
Rated voltage	3 x 380VAC
Input voltage	380VAC 25%
Output voltage	380 VAC 1% (steady state load); 380 VAC 5% (under load)
Input frequency range	50Hz 10%
Output frequency	50Hz 0.05%, 60Hz 0.05% (battery powered)
Built-in battery	No
Number of batteries	32 (optional 40pcs)/ 12V/ for pcs
Battery voltage	12V
Battery set voltage	384VDC (optional 480VDC)
Charge voltage	273VDC 1%
Battery charging current	1 A - 40 A (selected according to battery capacity)
Power factor	0.8
Crest factor	3:1
Transfer time	0ms
Overload	Switch to bypass after 4 ms
AC frequency	50 Hz 0.05% (mains operation), 60 Hz 0.05% (battery operation)
Sockets	RS-485 RS-232 EPO SNMP
Screen	LCD

Usage	- server rooms and data centres, - network equipment, - computers and office equipment, - monitoring and industrial automation systems, - production and industrial equipment, - medical systems and equipment
Noise level	40 – 50 dB
Safety	- Overload protection - Overvoltage protection - Short circuit protection - High and low voltage protection
Additional information	Built-in SNMP module
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
Relative humidity	0 – 95% RH (without condensation)
Environment humidity	30-90%
Storage temperature	-15°C do +60°C
Operating temperature	0°C ~ +40°C
Dimensions (D/L x W x H)	656 X 404 X 817 mm
Package contents	1 x UPS 1 x Power cable 1 x Key to open the front panel 1 x User manual 1 x SNMP manual 1 x ViewPowerPro software 1 x Warranty card
Package depth / length [mm]	785
Package width [mm]	535
Package height [mm]	985
Net weight [kg]	136
Gross weight [kg]	148
Certificate	CE, ROHS
Warranty	24 months
EAN code	5901878539850