



Qoltec Pure Sine Wave UPS for RACK | 3kVA | 3000W | Power Factor 1.0 | LCD | EPO | USB | Online | Compatibility with LiFePO₄, AGM and GEL batteries

Product code: 53938

The Qoltec UPS, designed for rack-mount installation, is ideal for use in server rooms, data centres, ICT systems and large-scale network installations. The unit provides a stable power supply with a constant output voltage and frequency, as well as a pure sine wave, effectively protecting even the most sensitive equipment. A power factor of 1.0 means that the unit's full apparent power of 3 kVA can be utilised as 3000W of active power.

CHOOSE SAFE AND CLEAN ENERGY



It eliminates the risk of data loss and equipment failure caused by power cuts or voltage drops

The Qoltec RACK 3kVA 3000W UPS is the perfect solution for those who value business continuity and the security of their IT infrastructure. This modern online UPS **provides an uninterrupted power supply, eliminating the risk of data loss and equipment failure caused by power cuts or voltage drops**. With it, you can be sure that your servers and devices operate without interruption, ensuring operational stability and the security of stored information.

DISCOVER EXCELLENCE AT WORK WITH THE NEW 3KVA RACK UPS FROM QOLTEC

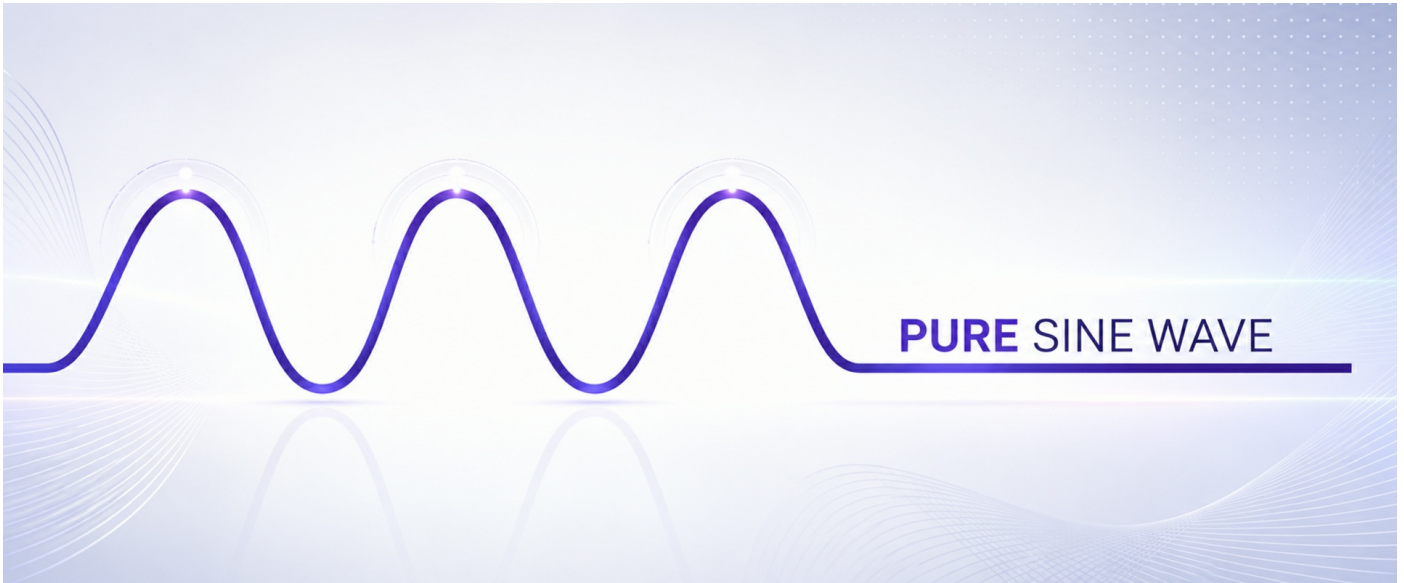


Power factor 1.0, zero switchover time, double conversion, ECO mode and more

The Qoltec RACK 3kVA UPS stands out for:

- **power factor of 1.0** – all the electrical power supplied is used to perform work, which is the optimal scenario for the energy efficiency of an electrical system,
- clean, **sinusoidal-waveform** power free from interference,
- **zero switchover time** – 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** – a power supply with stable parameters,
- **ECO mode** – ensures the best balance between energy saving and power protection,
- **extended runtime** – additional time during which the UPS will be able to independently power the devices connected to it in the event of a mains power failure,
- **True Isolation technology** – offers the most comprehensive power protection and the highest power quality for all IT applications,
- **built-in service bypass** – for trouble-free maintenance of the unit,
- **EPO interface** – a function enabling the power supply to be switched off remotely in emergency situations,
- **RS-232 port** – a communication bus designed for serial data transmission,
- **2 fans** – provide intensive cooling of the unit during continuous operation.

PURE SINE WAVE - HIGHEST QUALITY AND SECURITY OF POWER SUPPLY FOR YOUR DEVICES



Stable, clean energy with a sinusoidal waveform and no interference, for complete protection of your equipment

Qoltec RACK UPS units provide **stable, interference-free, pure sinusoidal power**. They offer complete protection for your equipment, thanks to **double conversion**, which first converts the alternating current from the mains supply into direct current, and then back into alternating current, which **ensures the highest level of power quality and protects against potential mains disturbances such as voltage drops, power outages, surges and failures**.

YOUR RELIABLE PARTNER IN KEEPING YOUR EQUIPMENT UP AND RUNNING



The backup time for the devices ranges from a few to a dozen or so minutes

An online UPS has a power supply that is continuously processed; in the event of an unexpected drop in mains voltage, the UPS **maintains the operation of the connected device thanks to its built-in batteries**, which are continuously charged. Therefore, mains power is required solely for charging the batteries. Devices permanently connected to the UPS always receive clean, interference-free power drawn from the battery; consequently, **the output voltage of an online UPS will always remain constant**, regardless of the input voltage. The backup time for the devices is **from a few to over ten minutes**, which allows data to be saved and the equipment to be shut down safely, minimising the risk of data loss and damage to the devices.

MANAGE YOUR POWER SUPPLY WITH EASE THANKS TO THE EASY-TO-READ LCD DISPLAY



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

Thanks to the integrated LCD display, managing the device is intuitive and convenient. **The screen displays up-to-date information on the operating status and key parameters of the power supply.** This ensures you stay informed about the device's operation, enabling you to respond quickly to any issues and optimise its performance to suit your needs. Working with the power supply becomes easy, quick and reliable, allowing you to focus on your main tasks without worrying about power stability.

TRUST CONFIRMED BY WARRANTY



Product with 24 months guarantee

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

24-month

TECHNICAL DATA

Producer	Qoltec
UPS type	On-line
Power	3000W
Rated Power	3kVA
Wave form	Pure sine wave
Rated voltage	230VAC
Input voltage	110 – 300 VAC 5%
Voltage range	110–160 VAC 3% at 50% load 160–300 VAC 3% at 100% load
Output voltage	230VAC
Output frequency	50/60Hz 0.05HZ
Type of load device	PC, servers
Battery	Lithium or lead-acid (not included)
Built-in battery	No
Battery set voltage	48VDC
Battery charging current	adjustable from 10A to 60A / 90% capacity in 1.5 hours
Power factor	1.0
Crest factor	3:1
Transfer time	0 ms (AC/battery mode), 4 ms (inverter/bypass), 8 ms (Eco mode/battery mode)
Compatibility	Windows XP/Vista/7/8/10/Linux/Unix/MAC
Sockets	1 x RS 232 1 x USB-B 1 x EPO
Communication interface	USB-B, RS-232, EPO
Screen	LCD
Noise	50dB
Safety	- Overload protection - Overvoltage protection - Short circuit protection - High and low voltage protection
Overload	Switching to bypass after 4ms
Additional information	Power management via an SNMP manager The ability to connect several UPS units in parallel
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	20 ~ 95% RH (without condensation)
Storage temperature	-15°C to +60°C
Operating temperature	0°C ~ +55°C
Dimensions (D/L x W x H)	420 x 440 x 88 mm
Package contents	1 x UPS 1 x Cable set 1 x Software 1 x User manual
Package depth / length [mm]	560
Package width [mm]	550

Package height [mm]	178
Net weight [kg]	10.56
Gross weight [kg]	12.07
Certificate	CE, ROHS
Warranty	24 months
EAN code	5901878539386