Qoltec Uninterruptible Power Supply UPS RACK | 2kVA | 1600W | LCD



Product code: 53946

The Qoltec RACK UPS is **designed for mounting in rack cabinets.** It will provide your device with clean energy at a constant output voltage and frequency, along with comprehensive protection, even for the most sensitive devices. Its features include, among others:
- Pure sine wave
- Zero switching time
- Double conversion
- **True Isolation technology -** offering the most comprehensive power protection and the highest energy quality for all IT applications.

It will meet the requirements of anyone who wants to maintain control over the stable operation of their devices, regardless of fluctuations in the mains power supply.
The option to install a compatible SNMP module is available with product code **50389**

CHOOSE SAFE AND CLEAN ENERGY

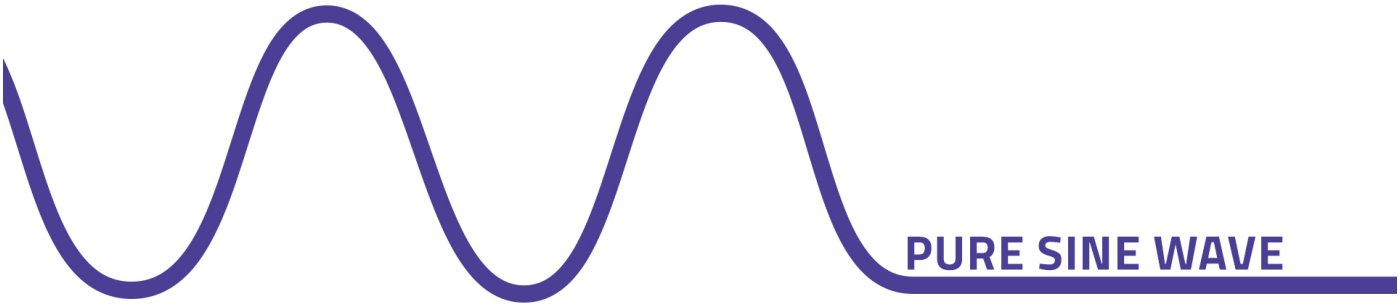


Whether you have a small server room or run a business in a large office building, and whether you store private data on your server or important information, **we understand how crucial safety and maintaining a constant power supply is to you. Don't let power outages and voltage drops affect your work and put your equipment at risk.** The **RACK UPS**, an On-line type UPS 2kVA 1600W by **Qoltec**, is a modern solution that safeguards against power loss, essential for the proper functioning of your devices.

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 ONLINE UPS WORK?



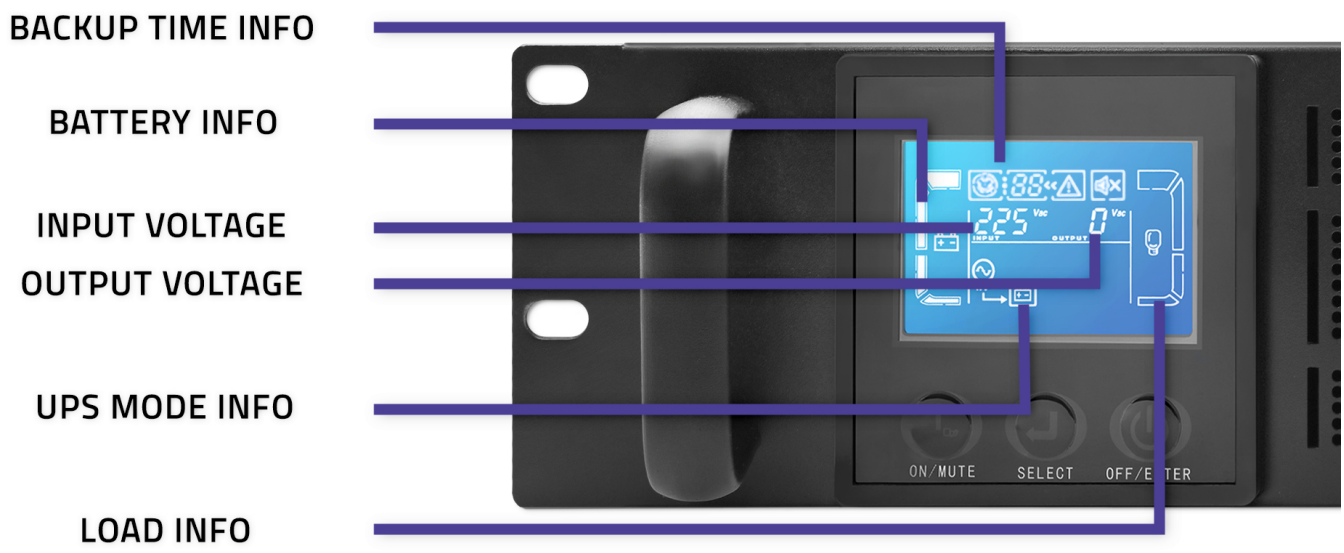
An on-line UPS continuously processes voltage, and in the event of an unexpected drop in network voltage, the **power supply sustains the operation of the connected device through built-in batteries**, which are constantly recharged. Therefore, power from the network is only required for recharging the 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**.

DISCOVER A BETTER WORK FORMAT



The Qoltec RACK UPS 2kVA 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,
- **ECO mode -** provides the best balance between energy savings and power protection,
- **Extended runtime -** additional time during which the UPS will independently power the devices connected to it in the event of a main power outage,
- **True Isolation technology -** provides the most comprehensive power protection and the highest energy quality for all IT applications,
- **Built-in Service Bypass -** for seamless device maintenance,
- 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 **50386**),
- **RS-232 port and RS-232 cable -** a communication interface designed for serial data transmission,
- built-in set of 4 batteries,
- **two fans -** provides intensive cooling for the device during continuous operation.

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 RACK power supplies comes with a **24-month warranty from the date of purchase**.

TECHNICAL DATA

Producer	Qoltec
UPS type	On-line
Power	1600W
Rated Power	2kVA
Wave form	Pure sine wave
Input voltage	115 - 300 VAC 5
Input frequency range	(45-55) 0.5Hz
Output frequency	46 - 54Hz ; 50Hz 1%
Built-in battery	Yes

Number of batteries	4
Battery capacity	7Ah
Battery voltage	12V
Battery set voltage	48V
Power factor	0.8
Crest factor	3:1
Sockets	2 x SCHUKO 1 x IEC 1 x RS 232
Screen	LCD
Noise	50dB
Usage	Computers, servers, alarm systems, routers; industrial and manufacturing environments; medical centers.
Safety	- Overload protection - Overvoltage protection - Short circuit protection - High and low voltage protection
Overload	105 - 125% switching to bypass after 1 minute
Additional information	- the possibility of connecting a compatible SNMP module: product code **50386** - output wave: Sine wave THD: <3% (linear load); Sine wave THD <8% (non-linear load) - output voltage in bypass mode: 80 VAC x (1 5%) - 285 VAC x (1 5%)
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)	635 x 483 x 87 mm
Package contents	- UPS - Power cable - USB cable - User manual - Warranty card - CD with software
Package depth / length [mm]	530
Package width [mm]	180
Package height [mm]	725
Net weight [kg]	10.8000
Gross weight [kg]	11
Certificate	CE, ROHS
Warranty	24 months
EAN code	5901878539461

LOAD	Power backup time
100W	82 min.
200W	38 min.
300W	23 min.
500W	11 min.
1000W	0 min.