

Qoltec 3-phase UPS | 20kVA | 20kW | LCD | EPO | USB | Power factor 1.0

Product code: 52288

The 20kVA / 20kW 3-phase uninterruptible power supply (UPS) is an advanced device that will provide you with continuous power with the highest stability and pure sine wave. It's ideal for businesses and enterprises that can't afford downtime. The UPS offers excellent performance with a power factor of 1.0 on both input and output.

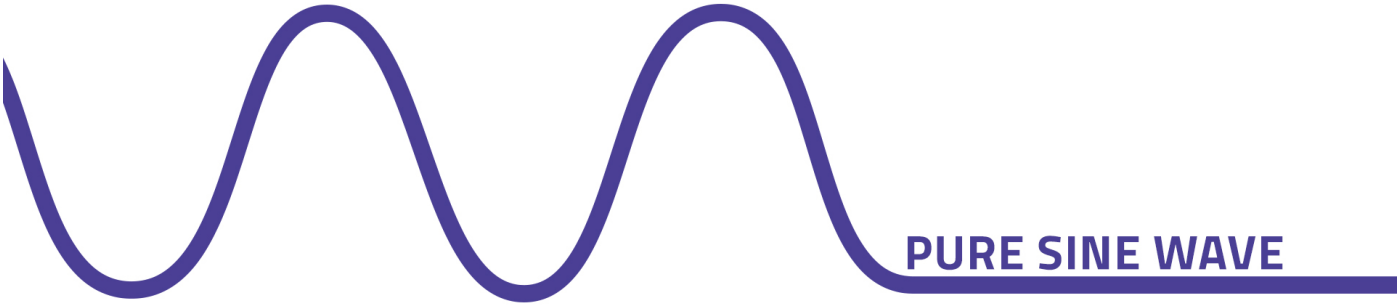
TRIPLE LEVEL OF EFFICIENCY



Superior Power and Reliability

Our uninterruptible power supply **The 20kVA/20kW 3-phase is an advanced device that will provide you with a continuous power supply with the highest stability and pure sine wave** . Ideal for companies and businesses that can't afford downtime, the UPS operates online and **Offers excellent performance with a power factor of 1.0 on both input and output** . ECO Mode optimizes power consumption, reducing operating costs, ensuring efficiency at the highest level. BYPASS, Battery Mode and AC Mode provide flexibility, adapting to power needs in different situations. No matter the conditions, your equipment is safe.

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



Stable interference-free clean energy with sinusoidal shape

Qoltec brand 3-phase UPSs are **stable interference-free clean energy with sinusoidal shape**. It's full protection for your devices with **double conversion**, which first converts the AC of the mains supply to DC, and then to AC, which **ensures the highest level of power quality and protects against potential network disturbances such as voltage drops, power outages, surges and failures**.

RAPID RESPONSE IN EMERGENCY SITUATIONS



Built-in EPO module

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

CLEAN ENERGY, NO INTERFERENCE



Total protection against power outages

The most advanced type of UPS, which **provides full protection against power outages, regulating and stabilizing voltage at all times** , making it ideal for sensitive devices. UPS Online has voltage that is continuously recycled. **In the event of an unexpected drop in mains voltage, the power supply maintains the operation of the connected device. This is possible after installing appropriate batteries with voltage of 12V (16 pices), which will be continuously charged** . Power from the grid is needed only to charge the batteries. **Devices permanently connected to the power supply always receive clean energy, without interference..**

EXPERIENCE A BETTER WORKING FORMAT



Zero switching time, double conversion

Qoltec's 20kVA 3-phase UPS is an advanced device that provides safe, uninterrupted power and full protection for your equipment. It features:
- clean energy with **sinusoidal shape** devoid of interference,
- **zero switching time**, is the rate at which the UPS will switch to battery mode in the event of a power failure
- **protection against overload, short circuit and overheating**,
- **double conversion –** power supply with stable parameters,
- **cold start –** in the event of a power outage, you are able to turn on, for example, a computer by plugging into the UPS itself. This allows you to quickly, for example, copy important files to a USB stick or send an important e-mail at any time,
- **Built-in Service Bypass -** For trouble-free maintenance of the device,
- **Port RS-232 and cable RS-232 -** is a communication bus designed for serial data transmission,
- **Port EPO –** Allows emergency power off,
- **Four fans -** Provide intensive cooling of the device during continuous operation.

CLEAR LCD DISPLAY



Superior Power and Reliability

The easy-to-read LCD screen provides all the necessary information about the device's status, operating parameters, battery level and settings. Thanks to the intuitive interface, UPS management becomes simple and efficient.

CONFIDENCE CONFIRMED BY A WARRANTY



Product comes with 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 3-phase UPS we offer is covered by **24 month warranty valid from the date of purchase**.

TECHNICAL DATA

Producer	Qoltec
UPS type	On-line
Power	20kW
Rated Power	20kVA
Wave form	Pure sine Wave
Rated voltage	400VAC (3Ph+N)
Output voltage	380 VAC 1% (steady state load); 380 VAC 5% (under load)
Output frequency	50Hz 10%
Output frequency (Battery)	50Hz 0,05%, 60Hz 0,05% (battery power)
Type of load device	PC, servers
Built-in battery	No
Number of batteries	16 (not included)
Battery capacity	9Ah
Battery voltage	12V
Battery set voltage	192VDC
Charge voltage	+/- 218VDC 10%
Battery charging current	1 A - 12 A
Charging time	9h do 90% battery capacity
Power factor	1.0
Crest factor	3:1
Sockets	- RS-232 - EPO - USB
Communication interface	USB, RS-232, SNMP
Screen	LCD
Noise level	40 - 50 dB
Usage	Service and engine machines
Safety	- Against overload - Against short circuit - Against overheating
Overload	125% : 1 minute, 150% : 1 sekund
Additional information	- inverter efficiency > 91%. - built-in AVR stabilizer - soft start: 0 - 100% , 5 seconds - Input phase: Three phases + N + PE - Output phase: Three phases + N + PE - dynamic voltage transients: < 5% - instant regeneration time: < 10ms - load voltage balance: < 1%; < 5% (load voltage imbalance)
Remarks	Network uninterruptible power supplies designed for telecommunications equipment and automatic data processing equipment, the so-called 3-phase uninterruptible power supply UPS. In the event of a power failure, it provides a "reserve" of energy thus protecting against data loss.
OTHER PARAMETERS	
Housing color	Black
Relative humidity	<95% RH (without condensation)
Environment humidity	30 - 90%
Storage temperature	0°C ~ +40°C
Dimensions (D/L x W x H)	600 x 250 x 570 mm

Package contents	1 x UPS 1 x USB/USB-B 1 x Battery connection cable 1 x CD 1 x User manual
Package depth / length [mm]	670
Package width [mm]	370
Package height [mm]	690
Net weight [kg]	39.650
Gross weight [kg]	42.650
Certificate	CE,ROHS
Warranty	24 month
EAN code	5901878522883