

Qoltec Automatic Voltage Stabilizer AVR 3000VA | 1800W | Compact | Toroidal transformer

Product code: 50450

The AVR (Automatic Voltage Regulator) increases or decreases the output voltage to match the operating level of the connected devices, ensuring they run smoothly. It improves the voltage supplied from sources such as the local mains or a generator. Equipped with a short-circuit protection function, which protects connected devices from damage in the event of short circuits or overloads on the power supply line.

SAFE AND STABLE OPERATION



Protect your devices – discover the advantages of the Qoltec automatic voltage stabiliser
Ensure a stable and safe power supply for your home and office devices and full protection of your electronic equipment against the effects of power surges, overloads and short circuits. **The Qoltec AVR 3000VA / 1800W automatic voltage stabiliser** is a reliable solution that protects your equipment against the effects of voltage fluctuations, overloads and short circuits. Thanks to precise input voltage regulation, the device ensures optimal operating conditions for computers, televisions, audio equipment, refrigerators, pumps and many other electrical appliances.

PROTECTION YOUR DEVICE

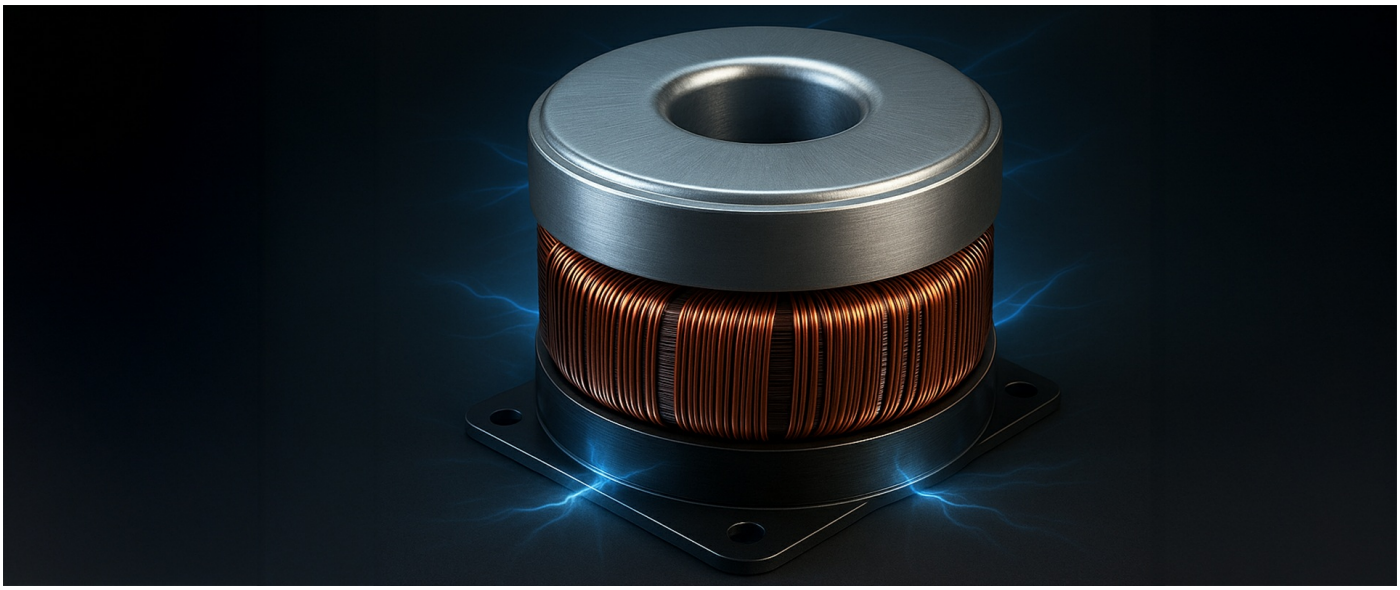


Stable 230V voltage regardless of fluctuations, specialised short-circuit protection, toroidal transformer

By choosing our solution, we offer:

- Voltage stabilisation in the range of 125–270V AC, ideal for home and office applications
- Automatic voltage increase or decrease to maintain a stable 220–240V AC output
- Rated power 1800W (3000VA) – suitable for most electronic devices
- Toroidal transformer – round core minimises energy loss and heat emission, allowing the stabiliser to operate efficiently and reliably even under heavy loads
- Delayed start function (6s / 180s) – protects compressors and motors from damage during frequent switching on
- Multi-stage protection: against overvoltage, undervoltage, overload, overheating and short circuit
- High efficiency of 95% and low voltage distortion (<3%)
- Quiet operation **– noise level below 65 dB**
- Dual LED digital display – shows input and output voltage simultaneously
- Wall-mountable, compact and robust design

TOROIDAL TRANSFORMER – THE HEART OF THE DEVICE



Toroidal transformer – Low power losses, high energy efficiency, resistance to overheating
The stabiliser is equipped with an efficient toroidal transformer, which ensures effective and quiet operation of the device. Its **round core minimises energy losses and heat emission, allowing the equipment to operate stably and without interference even under heavy loads**.
Advantages of a toroidal transformer:
- **high energy efficiency,**
- **low power losses,**
- **quiet operation,**
- **resistance to overheating**.

SMART START DELAY – PROTECTING YOUR APPLIANCES

Default delay time 6 seconds, maximum up to 180 seconds
The stabiliser is equipped with a delayed start function. The default delay time is 6 seconds. This function is useful for products with motors and compressors to prevent and protect the device from damage due to frequent switching on immediately after switching off. The default delay time is 6 seconds, but it can be extended up to 180 seconds if necessary.

FULL CONTROL THANKS TO A CONVENIENT LED DISPLAY

Clear presentation of key operating parameters of the device
Our stabiliser is equipped with a convenient dual LED display that allows for easy monitoring and reading of key operating parameters. It provides a clear presentation of data such as current output voltage, information about possible surges, delay time (if active), and other important operating parameters. This not only facilitates monitoring of the device's operation, but also **gives the user confidence that everything is working properly and as expected**.

MOBILITY AND RELIABILITY WHEREVER YOU ARE

Compact design, sturdy metal construction
Thanks to its compact design and solid metal construction, our stabiliser is the perfect travel companion and a convenient solution for any location. Whether you are at home, in the office or on the go, you can easily take our device with you, ensuring stable voltage wherever you need it.
Advantages of the metal housing:
- **high resistance to impact and scratches,**
- **effective protection of internal components,**
- **better heat dissipation,**
- **aesthetic, professional appearance,**
- **increased durability of the entire structure**.

EVERYTHING INCLUDED – MOUNTING PEGS AND SCREWS INCLUDED

Convenient wall mounting – solid construction, secure support
The Qoltec stabiliser has been designed for easy and safe wall mounting. **There are special mounting holes in a key pattern on the rear panel of the housing, which allow the device to be hung quickly**. The set includes mounting plugs and screws, making installation simple, stable and requiring no additional accessories.

CONFIDENCE CONFIRMED BY A WARRANTY

Product with 24 months guarantee
Do you care about the high quality of the product you buy? Our solutions will meet your expectations. Each of the voltage stabilizers we offer is covered by a **24-month warranty** valid from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Type	Single phase
Power	3000VA/1800W
Input Voltage Range (AC)	125-270V
Output voltage	220-240V
Precision	10%
Frequency	50 - 60 Hz
Output frequency	Synchronized with input frequency (50 ~ 60Hz)
Transformer	Toroidal
Efficiency	>95%
Delay Function	6 second/180 second
Display	LCD
Noise level	65dB
Cooling system	Passive cooling
Sockets	5-PIN terminal blok
Protection	- Surge protection - Short circuit protection - Overheating protection
Usage	The stabiliser works with devices such as: - server, router, modem, - computer sets and network components, - RTV equipment such as TVs, music equipment.
IP rating	IP20
Notices	The required protection (fuse) is: 5A Cable length: 1.10 m
OTHER PARAMETERS	
Colour	Grey
Operating temperature	-10°C ~ +40°C
Storage temperature	-20°C ~ +40°C
Relative humidity	Max 95 % without condensation
Dimensions (D/L x W x H)	260 x 460 x 108 mm
Package	Box
Package contents	1 x Automatic Voltage Stabilizer AVR 1 x User manual 1 x Warranty card
Package depth / length [mm]	305
Package width [mm]	500
Package height [mm]	160
Net weight [kg]	7.939
Gross weight [kg]	8.647
Warranty	24 month
EAN code	5901878504506