

VoltControl

## Voltage Stabilizers

Reduce your electrical consumption without losing comfort

The VoltControl Stabilizers supply a constant voltage optimized for your electrical devices and allow you to save energy and prolong the lifetime of the electrical equipment without losing comfort for the users.

The VoltControl Stabilizer reduces and stabilizes the voltage to the value defined by the user - with a reduction of max. -28 Volts compared to the initial voltage.

### Guaranteed Electrical Savings:



Our specialists perform an audit of the electrical system. After analysis of the measured data, potential savings are calculated. Those savings are guaranteed to the client and verified after the installation of the VoltControl Stabilizer. If the savings are not reached, the client has the right to ask the dismantling of the device at not costs.

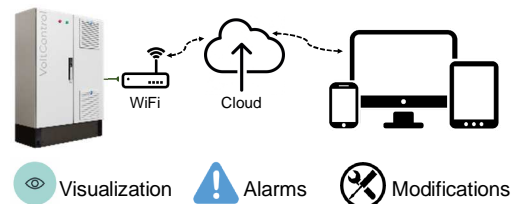
### Swiss Advanced Technology:

- ✓ **Automatic Voltage Stabilization**  
*to the optimum value for the electrical equipment*
- ✓ **Long Lifetime** *larger than 20 years*
- ✓ **Continuous Audit** *of the electrical values of the network and of the stabilizer*
- ✓ **Calculation of the Savings**, *instant and cumulated energy savings*
- ✓ **Module « VCS-Share »** *to visualize and control the stabilizer remotely*
- ✓ **Overload Protection**
- ✓ **Manual and Automatic Bypass** *in case of overload, excessive heating, dysfunction or for services*
- ✓ **Service friendly** *in bypass modus, all power elements are current-free*
- ✓ **Turning ON / OFF without power cut**
- ✓ **High efficiency and minimal losses**  
*thanks to negative induction technology*
- ✓ **Individual Certificate**  
*according to the norm EN61439.*
- ✓ **Swiss Quality and Production**



### Module « VCS – Share »

Connect & control your stabilizer from your PC or smartphone. Visualize and analyse your power consumption data in all details.



### Algorithm to calculate savings

The VoltControl Stabilizer continuously measures, at the input and output of the device, the voltages, currents, powers and Cos Phi values. A proprietary algorithm calculates in real time the savings.

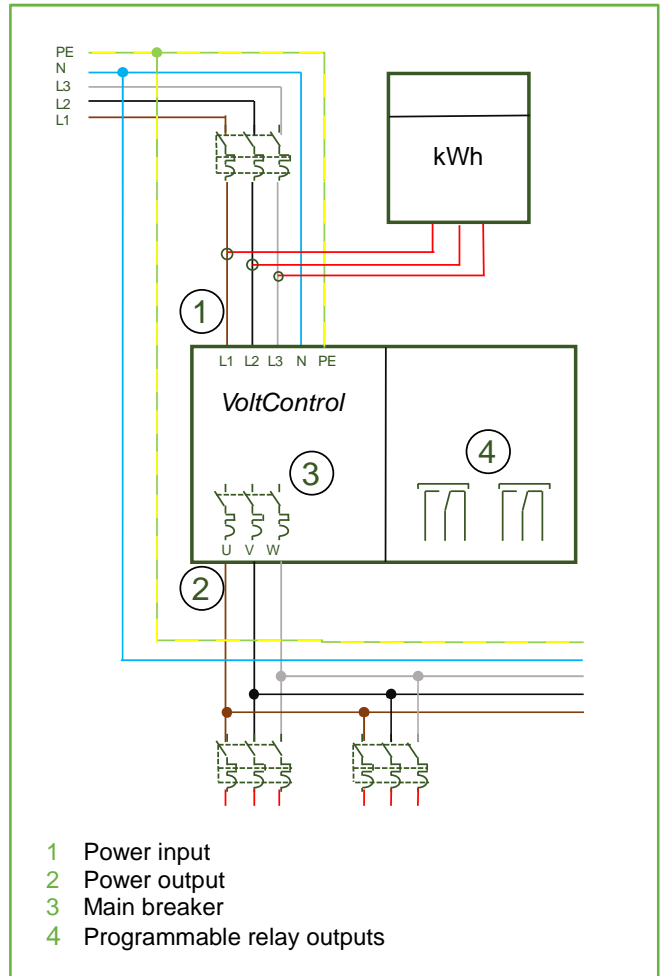


Example of power consumption in kW before (red) and after (blue) installation of the VoltControl Stabilizer.

### Technical data

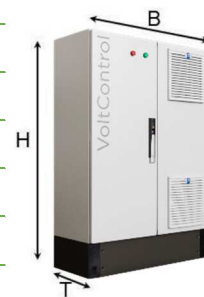
<b>Input Voltage</b>	3x 230 VAC $\pm$ 10%
<b>Voltage reduction</b>	Up to -28V
<b>Frequency</b>	45...66 Hz
<b>Nominal current I<sub>N</sub></b>	depending on model
<b>Rated conditional short circuit current I<sub>cc</sub></b>	10 kA
<b>Measures</b>	A, V, kW, PF, kWh
<b>Operating temperature</b>	-20 – +40[°C]
<b>Protection rating</b>	IP 20

### Power connection



### Models

Art. Number	Current [A]	Dimensions [mm] (B x T x H)	Weight [kg]
VCS080A	80	600 x 425 x 1900	190
VCS125A	125	1000 x 425 x 1400	205
VCS160A	160	1000 x 425 x 1400	230
VCS250A	250	1000 x 425 x 1900	335
VCS400A	400	2000 x 625 x 1900	800
VCS630A	630	2000 x 625 x 1900	950
VCS800A	800	2600 x 625 x 2100	1200



subject to later changes