

SVS02 / SVS04 VOLTAGE STABILISER

VOLTAGE STABILISATION AND PROTECTION FOR ALL ELECTRICAL AND ELECTRONIC EQUIPMENT

DESCRIPTION

The Sollatek Voltage Stabiliser SVS02 and SVS04 ensure uninterrupted, optimal performance for your electrical and electronic appliances, shielding them from the detrimental effects of voltage fluctuations.

Equipped with a sophisticated digital processor, the Sollatek SVS diligently monitors and rectifies power supply, guaranteeing a steady and reliable voltage for your equipment.

Should the input voltage surge to hazardous levels, the in-built Automatic Voltage Switcher (AVS) intervenes by disconnecting the output, adding an extra layer of safeguarding for your valuable appliances. The SVS vigilantly keeps an eye on voltage levels and resumes power delivery only when conditions are safe.

The SVS line boasts a 12-LED display panel for precise voltage indication, featuring 7 LEDs for input voltage and 5 LEDs for output voltage. Encased in a robust, compact, and corrosion-resistant ABS enclosure, the Sollatek SVS is a hassle-free plug-and-play device, requiring no complex setup.

APPLICATIONS

The SVS02 and SVS04 models are compatible with a wide array of electrical and electronic appliances, encompassing everything from refrigerators, freezers, televisions, multimedia devices, satellites, to computers.

FEATURES

- Microprocessor controlled stabiliser
- Extremely fast response
- Very wide input voltage range (-26% to +19%)
- Excellent output voltage stability (±6%)
- Small and lightweight unit
- Includes surge and spike suppression and protection
- Incorporates over & under voltage disconnect (AVS™ function) when mains is extreme and outside working limits
- Startup delay to allow neutralisation of compressor gases, critical in such applications
- Incorporates TIMESAVE™ Function (10 second start-up delay after long duration powercut)
- Available with different plug & socket combinations
- British Design



FEATURES



PROTECTION AGAINST



PROTECTION FOR



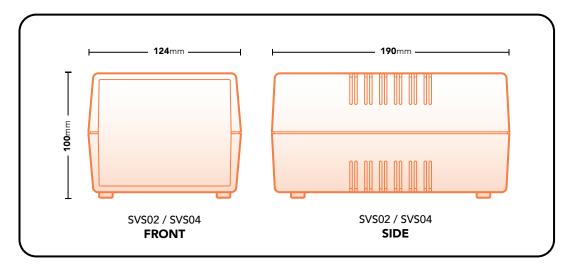
😵 Voltright

Always ensure that the current rating of your appliance does not exceed the current rating of the corresponding SVS model.

TECHNICAL SPECIFICATION

VOLTAGE TABLE

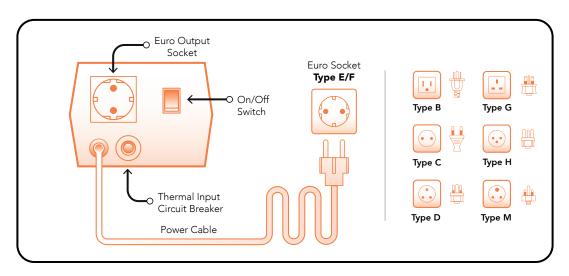
INPUT & OUTPUT Model SV502 SV504 OutPUT Nominal Voltage 230 V 145 182 Stabilisation Input -25% to +19% +10% (216 to 244 V) 145 182 Stabilisation Input -25% to +19% +10% (207 to 253 V) 156 208 Operating Voltage Disconnect 291 V 165 208 Operating Voltage Disconnect 244 V 185 233 Under Disconnect 149 V 185 233 Frequency Range 2 A 4 A 195 221 Courrent 2 A 4 A 215 215 GENERAL Disconnect in 00% to 15% per 10°C aboxe 40°C 225 225 225 Synchronisation Output synchronised to input Permissible Overload 100% for 100ms, 150% for 4 minutes, 110% for 15 minutes 246 246 Load Types X1EDs for Noput voltage status X5 LEDs for Ouptut voltage status 225 228 237 275 248 248 259 259
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Ambient Temp Range0°C to 55°Cnotice. @Sollatek (UK) Limited 2023. All Rights Reserved.Relative Humidity< 95%, non condensing
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Acoustic Noise < 45 dB (A)
Expected Service Life > 10 years Standards CE, EN 61558-1, EN 61558-2-13, EN 55014-1, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11.
Standards CE, EN 61558-1, EN 61558-2-13, EN 55014-1, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11.
Standards EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11.
Correction Speed 750 Volts per second
Response Within 0.1 second
Wait Time on Start Up10 s, 3 min or 6 min (depending on model)
Power Factors Unaffected by load power factor
AVS™ Function Automatic voltage switcher: output is switched off to protect device against over and under voltage and automatically reconnects when safe
TimeSave™ FunctionReduced startup delay if unit was off for more than the standard delay period to 10 seconds
MECHANICAL
Connection Plug and Socket
Unit Dimensions WxHxD 190 x 100 x 124 mm
Unit Weight 2.0 kg 3.6 kg
Model SVS02 SVS04 SVS02 SVS04
Packing Carton Pallet
Packing Carton Pallet Dimensions 500 x 390 x 180 mm 1200 x 1000 x 1050 mm



The diagrams presented are for illustrative purposes only. Detailed drawings are available upon request.

REAR PANEL DIAGRAM

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Alternative plug types available: Type B, C, D, G, H and M. Other plug types not listed available upon request.

PRODUCT CODE

DESCRIPTION

98202000/01	SVS02(01)-22 CE UK 2A/01A 230/1/50-60Hz
98202010	SVS02(01)-22 CE EURO 2A/01A 230V 50-60Hz
98204000/01	SVS04(03)-22 CE UK 4A/3A 230V 50-60Hz
98204008	SVS04-22 4A 1KVA 230V EURO 6min E7/VR.
98204010	SVS04(03)-22 CE EURO 4A/3A 230V 50-60Hz
98204011	SVS04(03)- 22 4/3A Euro 230V 10sec

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