

## SVS02 / SVS04

### VOLTAGE STABILISATION AND PROTECTION FOR ALL ELECTRICAL AND ELECTRONIC EQUIPMENT

#### DESCRIPTION

The Sollatek Voltage Stabiliser (SVS) provides stable power to your electrical and electronic appliances allowing them to function properly efficiently and protects them from the potential damages constant fluctuating voltage can have on your appliances.

The Sollatek SVS, with its built in intelligent digital processor, continuously monitors and corrects power supply to provide your equipment with stable and constant voltage,

When the input supply reaches a level that is too extreme for the SVS to provide a safe constant voltage to your equipment, the built in Automatic Voltage Switcher (AVS) will disconnect the output, providing further protection to your appliances. The SVS continues to monitor the voltage and will resume supply when it is safe to provide a good voltage level.

The SVS range has a 12 LED display panel for precise voltage indication, 7 LEDs for the input voltage and 5 LEDs for the output voltage.

Build in rigid ABS enclosure that is compact and corrosion resistant, the Sollatek SVS is a plug-and-play device with no setup required.

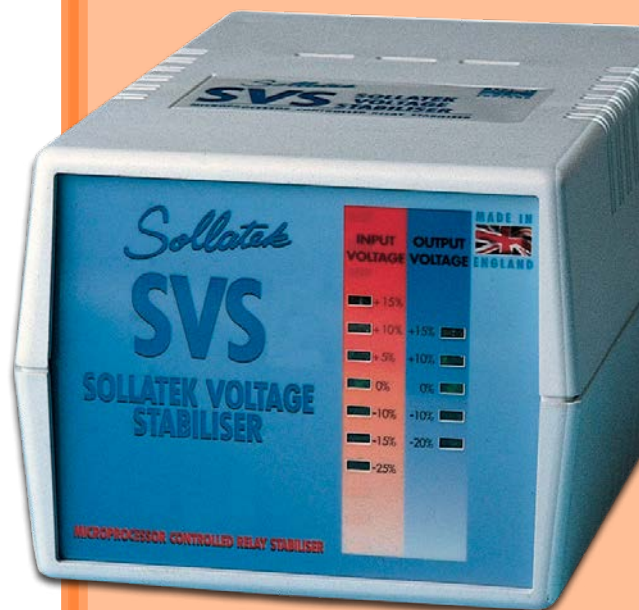
#### APPLICATIONS

The SVS02 & SVS04 are suitable for all electrical and electronic appliances, including: fridges, freezers, TV, multimedia, satellites and computers.

**\*\*Always check the current rating of your appliance does not exceed the current rating of the SVS.\*\***

#### FEATURES

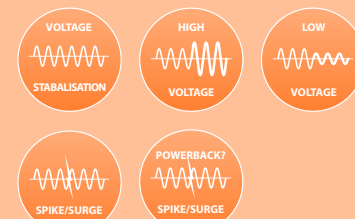
- Microprocessor controlled stabiliser
- Very wide input voltage range (-26% to +19%)
- Excellent output voltage stability ( $\pm 6\%$ )
- Includes surge and spike suppression
- Extremely fast response
- Incorporates over & under voltage disconnect (AVS function)
- Start-up delay as standard
- Incorporates TIMESAVE™ Function.
- Small and lightweight unit
- Available with different Plug & socket
- British design



#### FEATURES



#### PROTECTION AGAINST

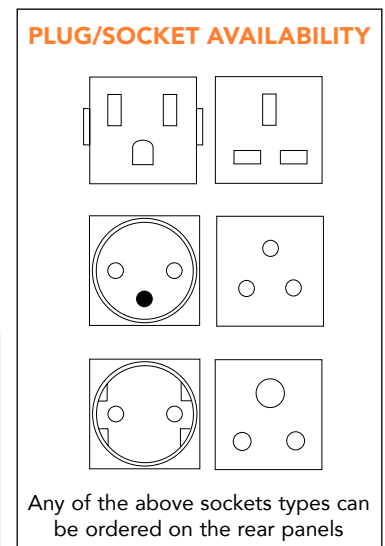
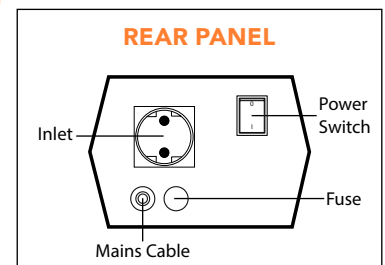
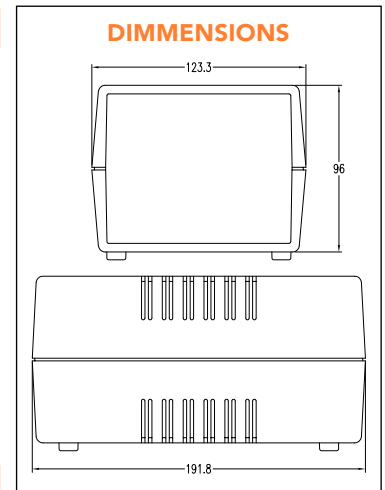


#### PROTECTION FOR



## TECHNICAL SPECIFICATION

INPUT & OUTPUT			
Nominal Voltage			230 V
Stabilisation Range	Input -26% to +19%		±6% (216 to 244 V)
	Input -29% to +23%		±10% (207 to 253 V)
Operating Voltage	Over Voltage	Disconnect	291 V
		Reconnect	286 V
	Under Voltage	Disconnect	144 V
		Reconnect	149 V
Frequency			45 to 75 Hz
Startup Delay			10 s, 3 min or 6 min (depending on model)
Speed of Correction			within 0.1 s. 764 V/s
Power Factor			Unaffected by load power factor
GENERAL			
Technology			Relay Type - Transformer tap switching
Efficiency			>97% (at 100% linear load)
Control			Microcontroller based control system provides self-checks, system integrity monitoring and diagnostic indicators
Control Protection			Internal surge arrestors and filters in control circuit protect against disturbances. Filtering algorithms and faulty tolerant software protect against disturbances and false measurements.
Status Indicator			x7 LEDs for Input voltage status x5 LEDs for ouptut voltage status
Ambient Temperature			0°C to 55°C
Relative Humidity			>95%, non-condensing
Environmental Protection			IP20
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.
MECHANICAL			
Connection			Plug & Socket
Unit Dimensions			190 x 100 x 124 mm
Unit Weight			5 kg
Packing Details			Carton Quantity: 2 Pallet Quantity: 50



## INPUT AND OUTPUT VOLTAGE RESPONSE

230 V																				
Input	0-144	145	155	165	175	185	195	205	210	215	225	235	240	245	255	265	275	285	290	291
Output	OFF	182	196	208	221	233	221	232	237	215	225	235	240	218	228	237	248	255	259	OFF

PRODUCT CODE	DESCRIPTION
98202000/01	SVS02(01)-22 CE UK 2A/01A 230V/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

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ISO9001: 2015 accredited company  
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