Sollatek

Voltshield™

AVS13 APPLIANCE GUARD

Operating instructions

INTRODUCTION

Without doubt, power interruptions cause major problems for home and business computing. An unpredictable power supply can lead to worrying problems events such as surges, spikes, brownouts and utility failures. If any of these should occur, there's a strong chance you will suffer from loss of critical data, lowered productivity and even damage to your expensive equipment.

All electrical and electronic equipment, connected to the mains supply is at risk of being damaged from spikes, surges, lightning, brown-outs, power-cuts (blackouts), power back surges, and over-voltage.

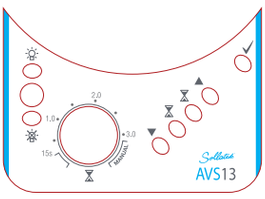
Sollatek encompasses a wide range of power protection products for use in many different industries where clean, regulated mains power is critical to their continued operation.

For more information on our range of power protection products, contact us now.

THE AVS

The AVS is an Automatic Voltage Switcher rated at 13 Amps. The AVS will switch off the equipment connected to it if the mains power goes outside preset acceptable limits and will re-connect -automatically* - when the mains power returns to normal. Re-connection takes place after a delay to ensure stability of the mains. (* unless set to MANUAL on the Time delay Dial).

This new version of the AVS has a built-in microprocessor that has added advanced features to the product. These include:



1) Five voltage indicators

- ✓ The power supply is good and the load is connected.
- ▲ The AVS has detected that the mains voltage is too high and therefore dangerous to your equipment. The AVS has disconnected the power supply .
- ⧗ Power supply has returned to normal (after an over-voltage condition). The AVS is waiting before the power supply is restored to your equipment.
- ⧗ Power supply has returned to normal (after an under-voltage condition). The AVS is waiting before the power supply is restored to your equipment.
- ▼ The AVS has detected low voltage condition and has disconnected the power to your equipment to protect against it.

2) Time Delay dial

By adjusting the dial, you can set the start-up delay (after first connecting and after re-connection in case of over or under-voltage) from 15 seconds to 3 minutes. Alternatively you can pre-set to MANUAL. MANUAL indicates that the AVS will not connect your load until you press the LOAD ON/OFF switch.

Tip: Use MANUAL setting if you do not want equipment to automatically re-start for example if you do not wish the Air-conditioner to re-connect automatically after a power cut.

3) LOAD ON/OFF Switch

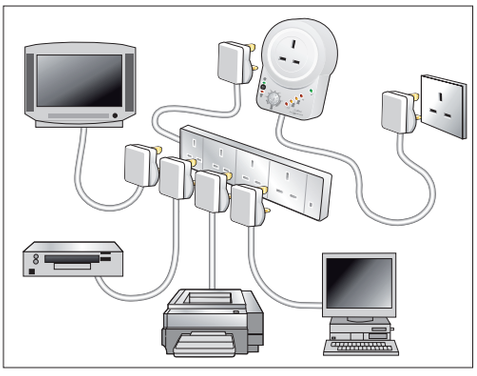
Using this button, ⏻ you can switch your equipment on or off. If the switch is in the off position (Light bulb off), press the switch to turn the equipment on. PLEASE NOTE THAT THE EQUIPMENT WILL BE CONNECTED AFTER THE DELAY HAS PASSED AS SET BY THE TIME DELAY DIAL.

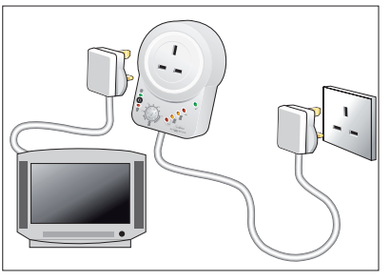
OPERATION

1. Make sure that your load does not exceed the rating of the AVS.
2. The limits of the AVS are pre-set at the factory (i.e. The AVS13 is 185-260 volts). If different limits are required, please refer to your dealer.
3. Plug your appliance into the AVS.
4. The LEDs on the front indicate the state of the AVS (see diagram above for full details).
5. It is recommended that the AVS is kept switched on, and the appliance switched on and off to prevent activating the time delay every time the appliance is switched on.
6. The plug connected to the AVS13 is fused at 13 Amps. If the unit stops working and no LEDs are lit on the front of the unit check that the fuse is intact. If not, replace with a 13 Amp HBC fuse.

Caution: Before replacing fuse, ensure that the load does not exceed the recommended rating of the AVS.

CONNECTION DIAGRAMS





You can connect a number of appliances to the AVS13 using a multi-way strip. Ensure the sum of all the loads does not exceed 13 amps.

SAFETY

- All equipment designed and manufactured by Sollatek (UK) Ltd complies with the latest safety codes of practice. You should still follow all safety instructions and use caution when installing and operating electrical equipment.
- To avoid the risk of shock, DO NOT expose this equipment to rain, moisture or liquid spillage.
- Before attempting to use, ensure that the total loading of your equipment does not exceed the maximum rating of this unit.
- To check the rating of this unit, refer to the label on the back of the unit.
- Do not attempt to dismantle this unit, to do so will invalidate the warranty. There are no user serviceable parts inside