



 **iSense™ technology improves the sensitivity of Sollatek's new Voltshield™ Guard range and puts the user in control**

Many domestic appliances, from fridges to satellite dishes and PCs to TVs, are at risk from voltage fluctuations and can benefit from surge/spike protection, standard power-back surge protection and voltage monitoring.

Refrigeration compressors will certainly be damaged by low voltage. Electrical and electronic equipment like PCs and TVs risk short- and long-term damage from disconnections caused by an erratic power supply. Telecom and data equipment is also susceptible to surges/spike transmitted via telephone lines, especially when caused by lightning.

However, users can minimise these risks with the protection offered by Sollatek's Voltshield Guard range. Better still, they can now set their own preferred level of protection and put themselves in complete control of the voltage protection process via the new Guards range of 'sensitivity' settings provided by iSense™ dial.



iSense™ dial has been incorporated into all Voltshield™ Guard models: FridgeGuard iSense, HivoltGuard iSense, VoltGuard, TVGuard iSense and LightningGuard iSense.

iSense™ dial



iSense™ dial has two basic settings. The low setting is ideal for users whose mains supply is highly erratic. This ensures more working time, because it will tolerate a wider window of acceptable voltage limits. The high setting provides even greater protection by narrowing the acceptable voltage limits, perfect for users with a less of an erratic mains supply problem, but who still require a high level of protection, usually in main cities where the power supply is fairly stable. This ensures that



the appliance is not switched on and off repeatedly during fluctuations, or subjected to the massive surges experienced when power returns after a cut.

Additional features

Also common to all products in the Voltshield range are the AVS and TimeSave functions. AVS disconnects the power to appliances if the mains voltage drops below or goes above a pre-set limit.

It will reconnect automatically, but only after the supply has returned to acceptable limits after a built-in delay. Using the front dial, depending on the user's Voltshield model, the standard delay time can be set to 30 seconds or 3 minutes,

Meanwhile, the TimeSave™ function has built-in intelligence that checks the 'off' periods, ensuring that an appliance enjoys maximum operation time.

If the unit has been off for more than a certain time, from 30 seconds to 3 minutes, depending on the model, it will reconnect the mains within 10 seconds rather than within the standard 3 minutes.

Users therefore benefit from longer operating time and a reduced volume of unnecessary start-up delays.

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HiVoltGuard

TVGuard

FridgeGuard

VoltGuard

LightningGuard