



## FRIDGEGUARD

Under voltage protection

### Description

The FridgeGuard is a plug in adaptor that protects refrigeration equipment from low voltage problems. It will protect against surges, spikes, low voltage, power cuts and power back surges. These conditions are harmful to electrical and electronic equipment.

### Function

By disconnecting the power when it is bad, the FridgeGuard safeguards against short term and long term damage to ensure higher efficiency from your appliances. 3 minutes start-up delay is built-in to protect against frequent fluctuations to ensure proper compressor shutdown and start-up.

### Applications

Ideal for protection of all fridges, freezers, coolers and all refrigeration equipment.



High Voltage



Low Voltage



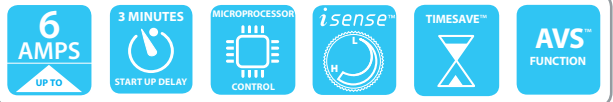
Spikes/Surges



Power-Back Surges

8/20µs  
Class III Surge/Spikes

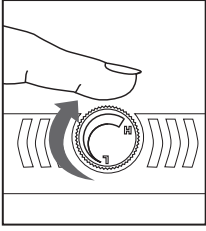
### Features



### Protection for



## iSense™ function



The iSense™ technology allows you to control how sensitive the FridgeGuard is to voltage problems. Using the iSense™ dial you can set the desired level of protection and startup delay.

### Dial settings

**(H)** High setting ensures greater protection by narrowing the acceptable voltage limits. This is ideal for users with less erratic mains supply that require better protection, typically in main cities where the power supply is fairly stable.

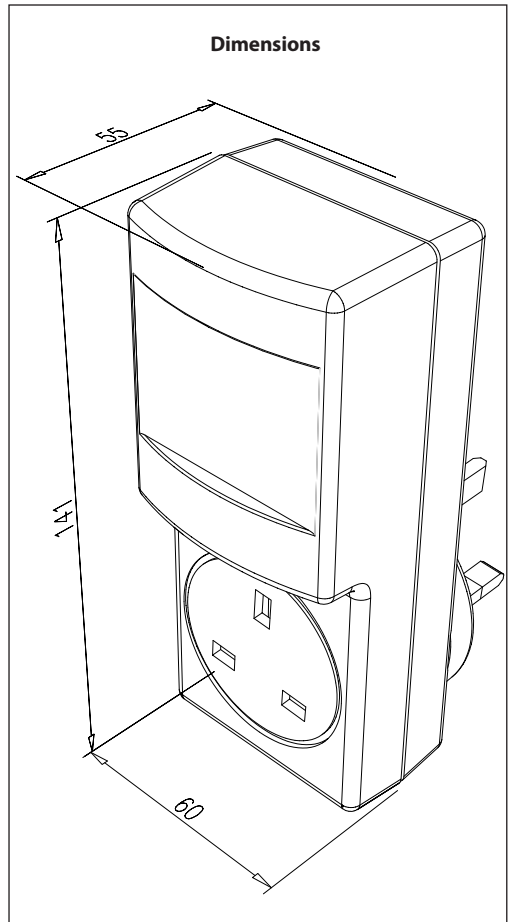
**(L)** Low setting ensures more working time as it will tolerate wider acceptable voltage limits. This is ideal for users with more erratic mains supply that constantly switches off, providing wider window of acceptable voltage limits.

## TIMESAVE™ function

TIMESAVE™ adds the following protective function:

The FridgeGuard has a built-in microprocessor which adds the advanced feature TimeSave.™ TimeSave™ means that when the mains return to normal, the unit checks the duration of the OFF time. If the unit has been off for more than the standard wait time, then it will reconnect the mains within 10 seconds. This means the FridgeGuard unit will give you more vital working time than any other switcher.

| Specifications                  |                      |                 |
|---------------------------------|----------------------|-----------------|
| Model                           | FridgeGuard          |                 |
| Current rating                  | 6A                   |                 |
| Mains surge/spike response time | <10ns                |                 |
| Mains max spike/surge           | 6.5kA                |                 |
| Discharge                       | >3kA (8/20µs surges) |                 |
| Spike protection                | 160J                 |                 |
| Mains disconnect response time  | Under-voltage        | 0.5 sec         |
| Reconnect time                  | 3 min                |                 |
| TimeSave™ delay                 | 10 sec               |                 |
| iSense LVD high sensitivity     | 190VAC               |                 |
| iSense LVD low sensitivity      | 180VAC               |                 |
| Dimensions (mm)                 | unpacked:            | 140 x 60 x 90   |
|                                 | packed:              | 250 x 130 x 100 |
| Packing details                 | Carton qty           | 24              |
|                                 | Pallet qty           | 1008            |
| Weight (gm)                     | 186                  |                 |
| Data line protection            | Yes                  |                 |
| Socket availability             | UK/ European/ Indian |                 |



| ITEM                           |      | PRODUCT CODE |
|--------------------------------|------|--------------|
| FRIDGEGUARD – UK SOCKET        | 230V | 92605000     |
| FRIDGEGUARD – EUROPEAN SOCKET  | 230V | 92605100     |
| FRIDGEGUARD – 6A INDIAN SOCKET | 230V | 92605300     |

For more information on the Sollatek's Voltage Protection Range refer to the **Voltage protection catalogue** or visit [www.sollatek.com](http://www.sollatek.com)

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