

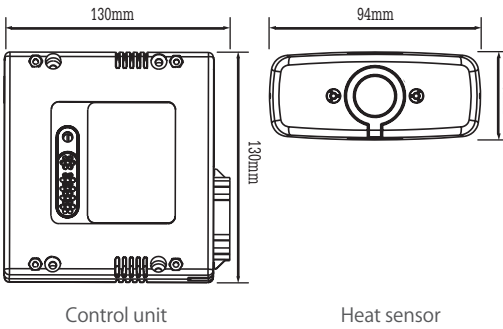
SGEL-SN-1 ELECTRIC STOVE GUARD

Sensor type	Thermistor/Infrared Heat Sensor
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- Switches electric cookers off before a fire can start.
- Self-learning, intelligent temperature alarm.
- Adjusts sensitivity based on users’ cooking habits.
- Compatible with external monitoring systems such as Telecare.
- Low energy consumption (~ 1W).
- Can work in conjunction with FireAngel smoke and carbon monoxide alarm signals if required.
- Identifies dangerously high temperatures.
- Automatic fault diagnosis checks system operation.
- Removing heat sensor prevents cooker use.
- Complies with EU standard EN50615: 2015 requirements.
- Intelligent Timer+ detects low heat hazard scenarios.
- Cooker control safety lock - prevents accidental switch on.

Technical Specification

Dimensions	Control unit 30 x 130 x 130 mm Intelligent heat sensor 94 x 40 x 30 mm	
Supply voltage	Multiple rated voltage 230 / 400V	
Battery back-up	10 year sealed for life battery with solar recharging function	
Technology	Thermistor / infrared heat detection with learning algorithm and intelligent temperature monitoring feature	
Alarm sound level	Alarm signal 80 dB (A) @ 1m	
Installation positions	Cookerhood, Wall (extra bracket required)	
Plastic material	Halogen free and fire rated plastic, flammability rating V-0 (Intelligent Heat Sensor)	
Warranty	5 years	
Master pack quantity	1	
Weight	559g	
Conforms to	Complies with EN 50615 standard requirements	
Operating frequency	Radio 433 Mhz, X10 compatible / factory paired	
Amp loading for cooker compatibility	<ul style="list-style-type: none">• 1-3 phase cookers: SGC500-3 230/400VAC 3x16A/3X10A, star or delta connection, with or without N• 1-2 phase cookers: SGC510-2 230VAC, 1 – 2 -phase cookers, star connection, 1 x 32A or 2 x 16A (also 3-phase cookers if 3-phase is connected past Control Unit)	