

# Voltshield™ NOTEBOOKGUARD

Over-voltage, surge, and spike protection



Plug-in protection for portable computer users from

- ▷ High voltage
- ▷ Surges/spikes
- ▷ Power fluctuations

  
the power to protect

Plug-in voltage protection  
for portable computer  
users from  
high voltage  
damage



The NotebookGuard is a universal in-line plug-in adaptor suitable for all laptops. It prevents damage to your laptop from high voltage levels of any duration.

It works by disconnecting the power when voltage goes too high.

It will reconnect the mains to your laptop when power returns to normal.

The NotebookGuard has a built-in startup delay of 10 seconds to protect your laptop against power fluctuations. During this period, your laptop's battery will supply power.

The NotebookGuard is fully automatic in operation.

Additionally, the NotebookGuard includes surge/spike protection.



NotebookGuard simply plugs into your laptop and notebook to give you complete protection

“ NotebookGuard disconnects the power when the voltage goes too high, and reconnects your laptop when power returns to normal. ”

Practical and useful features

- Start up delay
- Over voltage protection
- Surge/spike protection
- Power back surge protection
- Status LEDs
- Suitable for all equipment using the Cloverleaf or figure of 8 \*
- Small, compact - ideal for travel
- British design and manufacture

\* Any electrical equipment can be protected by the NBG as long as it doesn't exceed 2Amps.

Features

<b>150 WATTS</b> UP TO	<b>10 SECONDS</b> START UP DELAY	<b>STATUS LED</b>
<b>MICROPROCESSOR CONTROL</b>	<b>AVS™ FUNCTION</b>	<b>8/20µs CLASS III SURGE/SPIKE</b>

# Specifications

Model	NotebookGuard	
Maximum current rating	2A @ 115V, 1A @ 250V	
Maximum power rating	150 Watts (250V)	
Mains surge/spike response time	<10ns	
Mains max spike/surge Discharge	Cloverleaf: 13.5kA Figure 8: 9kA >3kA (8/20µs surges)	
Spike protection	Cloverleaf: 240J Figure 8: 160J	
Mains disconnect response time	Over-voltage	<20ms
Wait time	10 sec	
Dimensions l x d x h (mm)	Unpacked	116 x 32 x 29
	Packed	124 x 240 x 68
Packing details	Carton qty	30 pcs
	Pallet qty	1260 pcs
Weight (gm)	Cloverleaf	113
	Figure 8	100
Socket availability	Cloverleaf / Figure 8	



## LED status

Green off: Output off

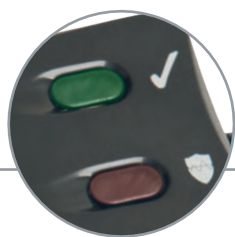
Green on: Output on

Red off: No power

Red constant: Protection on

Red flashing slow: 10sec delay - good voltage

Red flashing fast: High voltage



## AVS™ function



The AUTOMATIC VOLTAGE SWITCHER (AVS™) adds the following protective function: The AVS monitors the voltage for a short period to ensure the power has stabilised before re-connecting. In addition, the start-up delay provides protection against power-back surges commonly experienced after resumption of power in a power cut situation.

Plug/socket availability



Cloverleaf

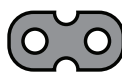


Figure 8

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(subject to terms and conditions).