



## NOTEBOOKGUARD

Spike and over voltage protection

### Description

The NotebookGuard is a plug-in adaptor that prevents damage to equipment from high voltage levels of any duration. It works by disconnecting power when voltage levels exceed set parameters. Reconnection takes place when power returns inside parameters for a pre-set period. Fully automatic in operation.

The NotebookGuard provides power-back surge protection as standard by its in-built start-up delay and voltage monitoring. Additionally, the NotebookGuard includes surge and spike protection.

### Function

Protects against high voltage, and power-back surges. These conditions are harmful to electrical and electronic equipment and especially I.T equipment. This can cause loss of data, computer 'freezes' and permanent damage. By disconnecting the power when it is bad, the NotebookGuard safeguards against short term and long term damage to ensure higher efficiency from your appliances.

Re-connects after a delay, thereby ensuring stability of the power supply and keeping your laptop battery fully charged.

Indicators clearly display the status of the NotebookGuard. Available with both 'figure 8' and 'cloverleaf' connections. Compatible design to fit easily in your travel bag. Universal voltage for worldwide use.

### Features

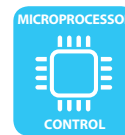
- Over-voltage protection
- Power back surges protection
- Protects against surges and spikes
- 10 second startup delay
- Compact
- Available in 2 connectors: Clover leaf and figure of 8
- Universal voltage for worldwide use
- LED indicators showing status

### Applications

Ideal for protection of notebooks, laptops and netbooks.



### Features



### Protection against



• High Voltage



• Power-Back Surges



• Spikes/Surges



• Class III Surge/Spike

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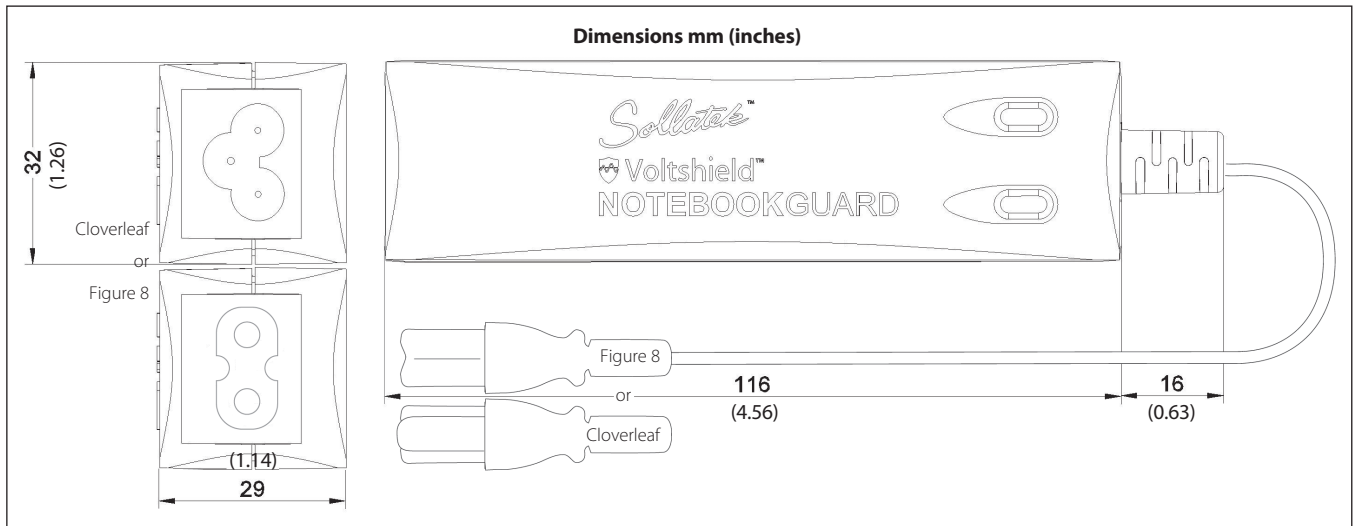
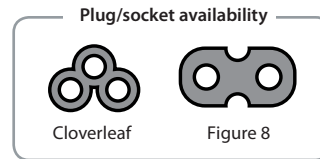
## Specifications

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	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

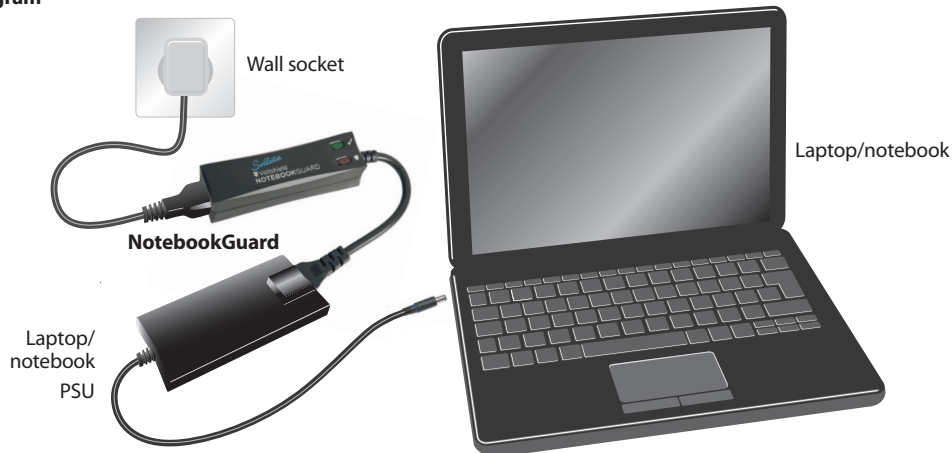
## AVS™ function



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.



## Connection diagram



<b>ITEM</b>	<b>PRODUCT CODE</b>
NBG-C	9266C000
NBG-8	92668000

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)

# Sollatek™

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