

# EAT•N

# Powerware

## Powerware POD Surge Protector

Product Focus

Surge powerboard for IT and AV applications



The Powerware POD protects your precious computer system, home entertainment system and other valuable electronic equipment from surges, spikes and noise caused by lightning and other power disturbances.

Its series power filter provides superior protection against surges and spikes, with the additional benefit of protecting against line noise that may affect sensitive equipment. With a surge rating of 60kA, the POD out-performs and outlasts many other products that provide shunt-only protection.

The POD not only protects your power circuits, but also protects against "back door" surges that can enter your system's telephone lines, aerials or network cables.

The POD is manufactured from the highest quality materials and is ergonomically and aesthetically designed to suit office and home installations.

Rest easy with a five year full replacement warranty and a \$100,000 load protection guarantee\*.

\* conditions apply

## Product Snapshot

<b>Power Rating:</b>	<b>10 Amps (maximum load)</b>
<b>Supply Voltage:</b>	<b>220-250VAC</b>
<b>Surge Rating:</b>	<b>60,000 Amps (aggregate)</b>
<b>Filter Rating:</b>	<b>&gt;40dB @ 1MHz</b>
<b>Technology:</b>	<b>Series Power Filter and Shunt Surge Diverter</b>

## Features

- POD 6 Outlet or POD+ 8 Outlet models
- 60,000 Amp surge protection rating - handles more than 1 Million surges (AS1768 Cat A ringwave 200 Amps).
- Highest quality power sockets maintain tension over multiple insertions to ensure that the sockets won't loosen and let the power plugs or plug packs slip out.
- Extra wide socket spacing enables 6 standard plug packs to be used on the power board.
- Visual indication of Power On (Blue LED) and Surge Protection failure (Red LED) lets you know that the POD is active and working.
- 1.8 metre power cord with insulated pins.
- Re-settable circuit breaker provides overload protection.
- Power On/Off switch.
- Wall mountable to save valuable floor space.
- Data, Video/Aerial and Phone Line surge protection on POD and Data, Video/Aerial, Cable TV and Phone Line surge protection on POD+ to prevent back door surges from damaging your IT or AV equipment.
- Network cable, telephone cable and Coax cable supplied as standard.

# Technical Specifications

## POWERWARE POD

### Power Connections

Input Voltage	220-250VAC
Frequency	50/60 Hz
Maximum Continuous Load	10 Amps
Current Limiting	Re-settable Circuit Breaker
Clamping Voltage (Line to Neutral)	470V (295Vac RMS)
Clamping Voltage (Neutral to Earth)	680V (420Vac RMS)
Response Time	5nS Nominal
Aggregate Surge Current	60,000 Amps
Maximum surge current (one pulse L-N)	40,000 Amps
Maximum surge current (one pulse L-E)	10,000 Amps
Maximum surge current (one pulse N-E)	10,000 Amps
Aggregate Energy Absorption	1470 Joules
Attenuation at Full Load	>40 db @ 1 MHz
Weight/Dimensions (LxWxH)	POD: 0.8 kg, 338 x 130 x 42 mm, power cord length 1.8 metres POD+: 1.0 kg, 383 x 130 x 42 mm, power cord length 1.8 metres

### Network Connections (RJ45)

Lines Protected	1/2, 3/6
Clamping Voltage (Line to Line)	<20V
Clamping Voltage (Line to Earth)	600V (375Vac RMS)
Surge current - Amps (10/1000us)	20 Amps (2ms) /40

### Phone/Fax Connections (RJ11)

Nominal Line Impedance	600 Ohms
Maximum Line Voltage	275Vrms
Clamping Voltage (Line to Line)	430V (270Vac RMS0
Clamping Voltage (Line to Earth)	600V (375Vac RMS)
Response Time	5nS nominal
Maximum Surge Current	20,000 Amps
Peak let-through voltage (3kA L-L)	1000V
Aggregate Energy Absorption	300 Joules

### Video/Aerial Connections (Aust. Coax)

Nominal Line Impedance	75 Ohms
Signal loss	Approx 3dB @ 500 MHz
Clamping Voltage	600V (375Vac RMS)
Maximum Surge Current	20,000 Amps
Aggregate Energy Absorption	200 Joules



Natural Power Solutions (VIC)  
Unit 1, 40 Jellico Drive  
Scoresby VIC 3179  
T: 03 9764 8550  
F: 03 9764 8770

Natural Power Solutions (QLD)  
Unit 8, 210 Queensport Road  
Murarrie QLD 4172  
T: 07 3907 0222  
F: 07 3907 0333

Natural Power Solutions (NSW)  
Unit 8, 2-6 Waltham Street  
Artarmon NSW 2064  
T: 02 9906 6696  
F: 02 9906 6434

Natural Power Solutions (ACT)  
Unit 5, 82-84 Townsville Street  
Fyshwick ACT 2609  
T: 02 6239 3802  
F: 02 6239 3811

Natural Power Solutions (WA)  
PO Box 1853  
Wangara WA 6947  
T: 08 9302 6366  
F: 08 6210 5915

[www.nps.com.au](http://www.nps.com.au)



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