

EAT•N

Powerware

Powerware POD Surge Protector

Product Focus

Power protection for computer and
audiovisual equipment



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

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

Features

- 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 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
Clamping Voltage (Neutral to Earth)	680V
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

Network Connections (RJ45)

Lines Protected	1/2, 3/6
Clamping Voltage (Line to Line)	<20V
Clamping Voltage (Line to Earth)	600V
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
Clamping Voltage (Line to Earth)	600V
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
Maximum Surge Current	20,000 Amps
Aggregate Energy Absorption	200 Joules

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