

## Features

- ▶ Ultimate surge suppression with seven high performance AC outlets plus three custom configurable, slide-in data protection bays
- ▶ Easy slide-in communication modules allow for mix-and-match protection for ADSL, Digital Satellite Connections, Cable TV, Internet, Cable Modem, FAX/modem, and LAN applications
- ▶ Guaranteed back phone grounding of modules is automatic
- ▶ Lifetime Product Warranty
- ▶ Lifetime Connected Equipment Warranty of up to \$25,000
- ▶ Free lifetime slide-in module upgrade

# Powerware® NetSurge (Plus)



### Product Snapshot

<b>Voltage:</b>	120 Vac
<b>Frequency:</b>	50 and 60 Hz
<b>Configuration:</b>	Floor or wallmount with optional slide-in modules

Powerware NetSurge provides the ultimate in configurable transient voltage protection through its unique patented design incorporated in the high-performance AC outlets and its three slide-in protection bays. NetSurge protects critical devices from unexpected power abnormalities, ensuring the highest availability possible.

As in any power-dependant application, the ability to suppress unwanted transients is imperative to the longevity of the protected equipment. Tailored with a fault and protection status indicator, the NetSurge and NetSurge Plus provide peace-of-mind by providing protection from common surges in both home and office.

The Powerware NetSurge line of power protection complements not only AC line protection, but also protection for critical data lines. Data in the form of telecommunication, network, and CATV signals make up much of the shared information across many business structures.

With the flexibility of the three slide-in protection bays built into the NetSurge and NetSurge Plus, protection for communication applications is a snap. The optional surge modules for Tel (RJ-11), LAN (RJ-45), and CATV (coax) make for superior flexibility around your needs. Both the NetSurge and NetSurge Plus provide advanced surge performance and are backed by a lifetime warranty.

## Overview

### Superior Protection

The NetSurge Series provides the ultimate configurable protection platform through the unique patented design of seven high performance AC outlets plus three easy slide-in data protection bays.

- ▶ Eliminates Installation Errors — Simply slide in any module mix (up to three) into the bays provided and those communication lines are fully protected. Guaranteed!
- ▶ Customizable — Easy slide-in communication modules allow for mix-and-match protection for ADSL, Digital Satellite Connections, Cable TV, Internet, Cable Modem, Fax/modem, LAN, and many other applications

### Superior Control



#### Recessed on/off switch

The on/off button is large enough for easy access, but recessed to prevent accidental shut-off.



#### Power Fault Indicator

A light indicates correct wiring when lit. No indication light may mean the wall outlet is incorrectly wire or may have a poor ground connection.



#### Protection Status Indicator

When illuminated, this light assures that the suppressor is protecting the equipment.

### Superior Cable Management

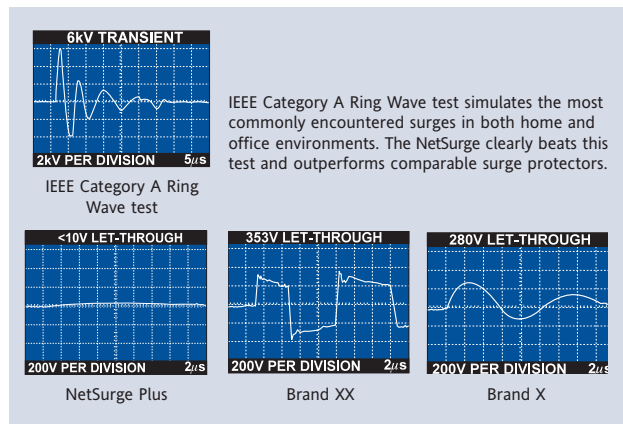
All seven outlets are conveniently located on one side and can be neatly organized to be mounted on a wall, placed on a desk, or placed on the floor.



Compare this



to this!



### Lifetime Warranty

The NetSurge Series carries a lifetime warranty guaranteeing that each Powerware NetSurge product and modules are free from defects in material and workmanship under normal use and in accordance with the instructions provided. Powerware also provides hardware coverage limited to repair or replacement cost of properly connected equipment per occurrence up to a limit of \$25,000 on the NetSurge Plus and \$10,000 on the NetSurge.



1449 Second Edition



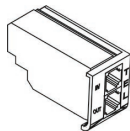
# Slide-In Modules

## Superior Flexibility

The modules slide-in easily, are customer-configurable and provide communication protection for telephone lines, networks, and coaxial applications. Select the right modules to match your system requirements. Any combination, up to three, of protection modules can be installed in the NetSurge at any time providing complete upgradable protection for all sensitive electronic equipment.

- ▶ Customer Installable - Modules easily slide into NetSurge
- ▶ Guaranteed Grounding of Modules - Automatic upon insertion into NetSurge
- ▶ Advanced Technology -Solid State, auto recovery Silicon Avalanche Diodes
- ▶ Free Upgrade - Whenever you upgrade your network interface, simply slide the module out and mail it to us with the completed card that comes with your Netsurge. Your upgraded module will be immediately shipped to you.

## TEL2 wire dial-up protection



Dial-up



Modem

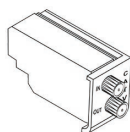


Internet



FAX

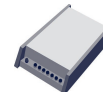
## CATVShield for coaxial line protection



Cable &  
Internet TV

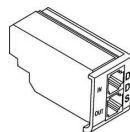


DSS



Cable Modem

## DDS 4 wire protection



FRAD

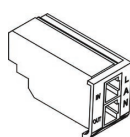


Router



DCU/CSU

## LAN network line protection



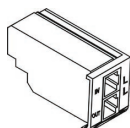
File Server



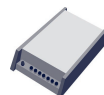
Networks

10BaseT  
Token Ring  
100BaseT  
100VG

## TEL for 4 wire dial-up protection

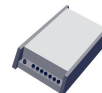
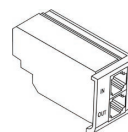


2-line phone



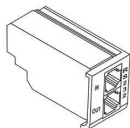
2-line modem

## TEL for 4 wire Lease Line protection



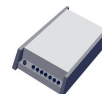
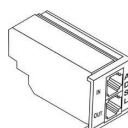
Analog Lease Line  
Modem

## R232 for 8 wire protection



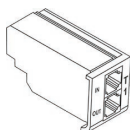
R232 Terminal

## ADSL protection



ADSL Modem

## T1 protection



Router



DSU/CSU



# NetSurge Model Selection Guide

## NetSurge

MODEL	PART#	DESCRIPTION
NetSurge	05146332-5501	7 Outlet Home Surge Suppressor
NetSurge Tel	05146333-5501	7 Outlet with fax/modem RJ11
Let Through Voltage	<150V, (6 kV Ringwave, ANSI., C62.41-1991 Cat A3)	
Peak Surge Current	>27,000 Amps	
UL 1449 Rating	330 Volts between ALL lines (L-N, L-G, N-G)	
EMI/RFI Noise Reduction (50W System)	10-30 dB	
Response Time	Instantaneous	
Joule Rating	360 Joules	
ELECTRICAL OUTPUT		
Line Voltage	125 V	
Load Current	15 Amps	
Max. Power	1875 VA	
Power Cord	5-foot	

## NetSurge Plus

MODEL	PART #	DESCRIPTION
NetSurge Plus	05146334-5501	7 Outlet Surge Suppressor
NetSurge Plus Tel	05146335-5501	7 Outlet with fax/modem RJ11
Let Through Voltage	<10V, (6 kV Ringwave, ANSI. C62.41-1991 Cat A3)	
Peak Surge Current	>50,000 Amps	
UL 1449 Rating	330 Volts between ALL lines (L-N, L-G, N-G)	
EMI/RFI Noise Reduction (50W System)	45-70 dB	
Response Time	Instantaneous	
Joule Rating	620 Joules	
ELECTRICAL OUTPUT		
Line Voltage	125V	
Load Current	15 Amps	
Max. Power	1875 VA	
Power Cord	6-foot	

# Slide-In Modules Selection

MODULE	PART #	DESCRIPTION	CLAMPING		MAX SURGE
			LEVEL	CONNECTORS	CURRENT
TEL	05146336-5501	Secondary 2-wire dial up	<300V	RJ11	1,000 A
LAN	05146337-5501	Secondary 8-Wire Cat 5	10V	RJ45	1,000 A
CATV	05146338-5501	CABLE Protection	45V	F-Type Coaxial	1,000 A
TEL 4W	05146406-5501	4 wire dial up	<298V	RJ11	1,000 A
RS232	05146407-5501	RS232 8 wire	27V	RJ45	1,000 A
LL	05146408-5501	Analog LeaseLine	105V	RJ11	1,000 A
DDS	05146409-5501	DSU/CSU/Frame Relay	105V	RJ48S	1,000 A
T1	Please call	T1 Data	28V	RJ48C	10,000 A
ADSL	0515-7583-5501	ADSL	270V	RJ11	3,000 A

Choose up to three communication modules to customize your surge suppressor to attain the maximum benefits.

\*Due to continuing product improvement programs, specifications are subject to change without notice.

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