

All APC surge products are equipped with:

Catastrophic event protection

When most surge suppressors fail, they still allow harmful “after shock” surges to pass through. SurgeArrest fails open, preventing subsequent surges from damaging your equipment.

Building/Site wiring fault indicator

SurgeArrest is equipped with a Building/Site Wiring Fault LED that identifies dangerous wiring problems before you plug in your equipment. (Wiring fault indicator not available on Notebook and Basic line)



Protection working indicator

A Protection Working LED warns you if SurgeArrest circuitry is ever damaged. APC will then replace the damaged SurgeArrest for free under its lifetime product warranty.



Industry approvals

All SurgeArrest models carry CE safety approvals.



Equipment protection policy

Your equipment connected to an APC Surge Protector is protected, too! Under the Lifetime Equipment Protection policy, APC will repair or replace connected equipment damaged by surges, including lightning strikes, up to £20,000!*



(* See policy for details. Equipment Protection varies by product. Valid only in the European Community)

Lifetime product warranty

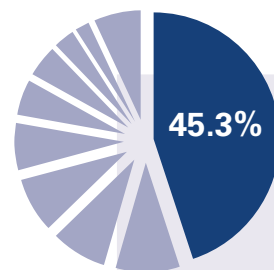
APC will replace your SurgeArrest, free of charge, if it's ever damaged by a surge or lightning strike. This will be the last surge suppressor you will ever buy!

APC surge protection solutions protect your equipment from surges, spikes and noise

One out of four computers gets hit by a major power event every year. It's not a question of if you will experience a power problem, it's a matter of when. Even if you avoid a major catastrophe, every computer gets hit daily with sags, surges, and electrical noise that can cause system lock-ups and data corruption. Short term increases in voltage, or surges, can occur for a number of reasons. Sometimes they happen when high-powered electrical motors in common household appliances are switched off, causing the extra voltage is dissipated through the power line.

A good surge suppressor should protect your equipment and extend your system's life by allowing only clean, safe power through to your equipment.

In order to provide that clean, safe power, your surge suppressor must be able to reduce harmful excess voltage, let through only the power needed by your equipment and “give its life” to stop future spikes and surges.



Power problems are the largest cause of data loss

Power Failure/Surge	45.3%
Storm Damage	9.4%
Fire or Explosion	8.2%
Hardware/Software Error	8.2%
Flood & Water Damage	6.7%
Earthquake	5.5%
Network Outage	4.5%
Human Error/Sabotage	3.2%
HVAC Failure	2.3%
Other	6.7%

Source: Contingency Planning

Surge Protector Basic

Reliable, affordable surge protection for your home computers and electronics

APC Basic surge protectors provide reliable surge protection and noise filtering for computers, peripherals, and home electronics. They feature four safety shutter outlets, built-in dataline protection for fax/modem/internet lines (not available on the P4-UK), a compact strip shape and the convenience of a wall mount design. The P4T4-UK model comes with four meters of power cord for applications requiring extra length.

MODELS

P4-UK

P4T-UK

P4T4-UK



Model P4-UK



Model P4T-UK

Surge Protector P4-UK

- 4 surge protected outlets with safety shutters
- <15 % Let through voltage
- 13,500A Maximum surge current
- Wall mountable
- Protection working indicator
- £ 5,000 Equipment Protection Policy
- Lifetime Product Warranty

Surge Protector P4T-UK

- 4 surge protected outlets with safety shutters
- <15 % Let through voltage
- 13,500A Maximum surge current
- Wall mountable
- Single line Modem/Fax/Internet protection (RJ-11)
- Protection working indicator
- £ 10,000 Equipment Protection Policy
- Lifetime Product Warranty

Surge Protector P4T4-UK

- 4 surge protected outlets with safety shutters
- <15 % Let through voltage
- 13,500A Maximum surge current
- Wall mountable
- Single line Modem/Fax/Internet protection (RJ-11)
- 4 meters of power cord
- Protection working indicator
- £ 10,000 Equipment Protection Policy
- Lifetime Product Warranty

SurgeArrest® Personal

Home Office/Small Business

Essential surge protection with safety outlets for home/office computers and electronics

Lightning storms can destroy computers, CD-ROM drives, modems, TV's, sound systems and VCRs in a flash whether they are on or not during a storm. The SurgeArrest Personal is your guarantee that your hardware and valuable electronics are protected from lightning strikes and everyday unexpected power surges. In addition, SurgeArrest also offers the best protection from line noise, which can cause glitches and errors in electronics operations and computer data and provides premium surge protection and noise filtering for computers, peripherals and home or office electronics.

MODELS

Per5-UK

Per5T-UK



Model Per5-UK

Model Per5T-UK

SurgeArrest® Personal Per5-UK

- 5 surge protected outlets with safety shutters
- <15 % Let through voltage
- 19,500A Maximum surge current
- Wall mountable
- Transformer block spacing
- User-Resettable Circuit Breaker
- Protection working indicator
- Building wiring fault indicator
- Attractive design
- £ 20,000 Equipment Protection Policy
- Lifetime Product Warranty

SurgeArrest® Personal Per5T-UK

- 5 surge protected outlets with safety shutters
- <15 % Let through voltage
- 19,500A Maximum surge current
- Wall mountable
- Single line Modem/Fax/Internet protection (RJ-11)
- Transformer block spacing
- User-Resettable Circuit Breaker
- Protection working indicator
- Building wiring fault indicator
- Attractive design
- £ 20,000 Equipment Protection Policy
- Lifetime Product Warranty

PowerManager™

Home Office/Small Business

Advanced Surge protection and cord management in one compact design

PowerManager has a unique, space saving design that maximizes the desktop area, while providing convenient cord management. Your computer and peripherals can be controlled individually or as an entire system at the touch of a button. In addition to these unique features, the PowerManager provides advanced noise filtering, protection from nearby lightning strikes and everyday power surges that can cause hardware damage and data loss.

The PowerManager family offers:

- <5% let-through voltage rating
- 5 surge protected outlets (IEC 320)
- Master on/off switch
- Cord management capabilities - eliminates cord-clutter
- Protection working indicator will warn you if PowerManager's surge suppression circuitry is ever damaged
- Building/Site wiring fault indicator to detect dangerous wiring problems
- Protection working indicator
- Electro-Static Discharge (ESD) protection
- Customizable Front Panel- 4 languages
- Lifetime product warranty
- £25,000 Equipment Protection Policy

MODEL

Pow5-I



The APC PowerManager fits neatly under your monitor and allows you to power your equipment and peripherals individually.



PowerManager is the only power center that features cord management capabilities. An internal cord bay eliminates power cord clutter by coiling excess cord lengths inside PowerManager, keeping them safely out of your way.



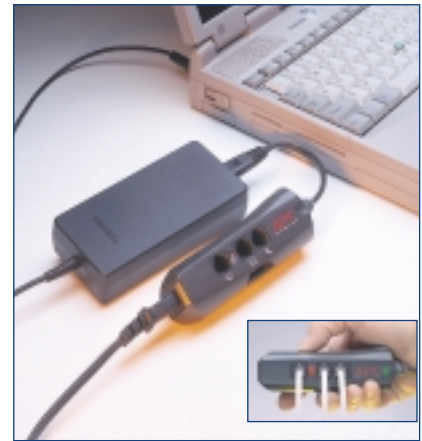
PowerManager also protects your equipment from harmful Electro-Static Discharge (ESD), which can reach 25,000 volts! Pressing any of PowerManager's buttons will discharge ESD safely.

SurgeArrest® Notebook Pro

Mobile Computing

MODELS

- PNotePro-EC**
- PNotePro3-EC**



The Notebook Pro units easily attach between your power adapter and the plug leading to the wall current, and with the push of a button you can check for excess current on the phone lines.

Worldwide surge protection for the mobile professional

The SurgeArrest Notebook Pro surge protectors provide the mobile notebook professional with advanced AC and telephone line protection. The unique, in-line design creates a compact, lightweight surge protector that is truly portable and appropriate for use in any country throughout the world. With built-in excess current detection, the SurgeArrest Notebook Pro warns you against potential modem damage. A Velcro mounting strap and 1.8 meters. telephone cord eliminates the need to carry any additional accessories.

The SurgeArrest Notebook Pro family features:

- **Compact, lightweight in-line design** makes the Notebook Pro a truly portable surge protector
- **Innovative multi-voltage** (100-240 Vac) electrical design allows the Notebook Pro to operate in any country throughout the world
- **Excess current detection** warns you against potential modem damage caused by excess current on many phone lines (excess current is often associated with digital lines)
- **AC/telephone/modem protection**
- **One time setup**- A Velcro strap is provided for convenient attachment to the AC adapter or for gathering all your power cords. Ensures you won't leave it behind!
- **Protection working indicator** warns you if the Notebook Pro's circuitry is ever damaged



Model PNotePro-EC



The PNotePro received the PC Computing 4-Star award.



Model PNotePro3-EC

C8 connector (PNotePro-EC)



C6 connector (PNotePro3-EC)



Which APC Notebook Pro is right for you?

Maximum surge protection for datalines, serial or parallel ports and network cables

A surge protection plan incorporating dataline and AC line surge suppression will “bulletproof” your system against the hazards of surges caused by lightning, Electrostatic Discharge (ESD), and wiring problems.

Plug your network cable, telephone/modem line or serial/parallel cable into a ProtectNet surge protector, before plugging it into your equipment’s network, telephone, serial or parallel port.

Incorporating ProtectNet dataline surge suppression into your comprehensive power protection plan provides surge suppression on all potential paths to your computer equipment. The ProtectNet line consists of:

MODELS	
PS9-DTE	P10B2
PS9-DCE	PNET4
PSP25	PTEL1-4
PTEL2	P232-4
PDigiTel	PRM
PNET1	



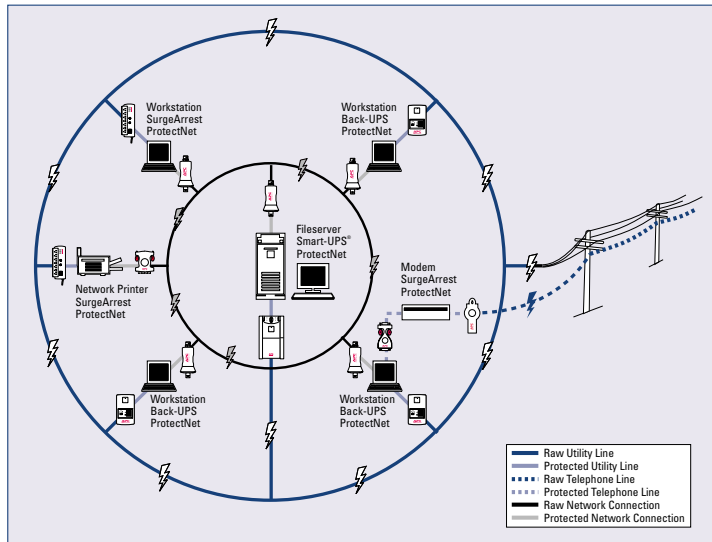
- **The PNET1, P10B2 and PNET4 ProtectNet** models protect your network interface cards and other LAN equipment from surges and transients on Ethernet 100Base-T, 10Base-T, Thinnet 10Base2, and Token Ring connections.
- **The PSP25 or PS9-DCE ProtectNet** models are designed to protect the RS-232 serial port connections of your data communications equipment like printers, plotters, and modems.
- **The PSP25 or PS9-DTE ProtectNet** models are for RS-232 serial and parallel port protection of your data terminal equipment and personal computers.

- **The PTEL2 and PTEL1-4 ProtectNet** models provide protection for your voice mail, answering machine, telex and fax machine, modems and other telephone equipment.
- **The PDigiTel ProtectNet** model provides protection for ISDN, T1, DLL 56K and other digital telecommunications equipment.
- **The P232-4 ProtectNet** model offers protection for multiple lines for RS-232 applications such as POS equipment, serial printer spoolers and multiplexers.

All ProtectNet models should be used with APC power products for comprehensive network protection.



How can a dataline surge affect your equipment?



Transient power spikes or surges can be introduced into the network from various sources.

The IEEE 802.3 Ethernet standard lists four electrical hazards to which networks are susceptible during use:

- Direct contact between local network components and power or lighting circuits
- Static charge buildup on local network cables and component
- High-energy transients coupled onto the local network cabling system (those induced by other cables which are installed in the general proximity of network cables)
- Potential differences between safety grounds to which various network components are connected (such as the slight differences which may be found in safety grounds from one building to another)*

* Source: LAN Times, July 8, 1993

APC Part Number	Connection	ProtectNet Model Name	Application Description	Lines Protected	Peak Voltage peak nominal	Breakover Voltage	Physical Size/Weight	Includes
PS9-DTE		9-pin serial port surge protector (female to male)	protects serial DB-9 port of data terminal equipment and personal computers	1-9	±6000 V*	30 V	3"x1.375"x0.6" 7.6x3.4x1.5 cm 0.125 lb (56.7g)	thumb screws
PS9-DCE		9-pin serial port surge protector (male to female)	protects serial DB-9 port of data communications equipment like printers, plotters and modems	1-9	±6000 V*	30 V	3"x1.375"x0.6" 7.6x3.4x1.5 cm 0.125 lb (56.7g)	thumb screws
PSP25		RS-232 serial/parallel port surge protector (male to female/female to male)	protects DB-25 serial and parallel ports of computers and peripheral equipment	1-25	±6000 V*	40 V	2.75"x2.25"x0.6" 6.9x5.7x1.5 cm 0.175 lb (79.3g)	thumb screws
PTL2		2-line telephone surge protector (RJ11 or RJ45 Type)	protects telephone equipment such as fax machines, modems, and answering machines	1, 2, 3 and 4 on RJ-11 connector 3, 4, 5 and 6 on RJ-45 connector	±6000 V*	260 V	4.1"x1.5"x1.0" 10.4x3.8x2.5 cm 0.195 lbs (88.4g)	6ft. ext. cable, mounting fasteners
PDigiTel		Digital telephone line surge protector	protects ISDN, T1, DLL 56K and other digital telecommunication equipment	1-8 on RJ-45 connector	±6000 V*	60V	4.1"x1.5"x1.0" 10.4x3.8x2.5 cm 0.19 lb (86.2g)	patch cable, mounting fasteners
PNET1		Ethernet 100Base-T/10Base-T/Token Ring network surge protector (RJ45)	protects 100 Base-T, 10 Base-T and Token Ring network interface cards, hubs or LAN equipment	1-8 on RJ-45 connector	±6000 V*	8 V	4.1"x1.5"x1.0" 10.4x3.8x2.5 cm 0.19 lb (86.2g)	patch cable, mounting fasteners
P10B2		Thinnet 10Base-2 network surge protector	protects Thinnet 10 Base-2 network interface cards, hubs or LAN equipment	center and shield conductors on BNC	±6000 V*	8 V	3.4"x1.38" dia. 8.6x3.5 cm dia. 0.175 lb (79.3g)	
PNET4		4 outlet Ethernet 100Base-T/10Base-T and Token Ring surge protector (RJ45)	protects four (4) input lines for 100Base-T, 10Base-T and Token Ring network interface cards, hubs or LAN equipment	1-8 on RJ-45 connector	±6000 V*	8 V	3.11"x3.49"x1.6" 7.9x8.8x4.1 cm 0.8 lb (400g)	ground cable, patch cable; brackets for wallmount
PTL1-4		4 outlet 1-line telephone surge protector (RJ11/RJ45)	protects four (4) input lines for telephone equipment such as fax machines, modems and answering machines	2 and 3 on RJ-11 connector 4 and 5 on RJ-45 connector	±6000 V*	260V	3.11"x3.49"x1.6" 7.9x8.8x4.1 cm 0.8 lb (400g)	ground cable; brackets for wallmount
P232-4		4 outlet RS-232 serial port surge protector (RJ45)	protects four (4) RS-232 input lines for POS machines, serial printer spoolers or multiplexers	1-8 on RJ-45 connector	±6000 V*	20 V	3.11"x3.49"x1.6" 7.9x8.8x4.1 cm 0.8 lb (400g)	ground cable, patch cables, brackets for wall mount
PRM		ProtectNet 4 outlet modules rackshelf kit	19" rackshelf kit (20 lines 5 modules front access, 40 lines total)	n/a	n/a	n/a	19"x8.375"x 1.75" 48.2x21.2x4.4 cm 1.07 lb (535g)	

APC's quality system is certified by ISO 9002 standards



APC
Legacy Reliability™