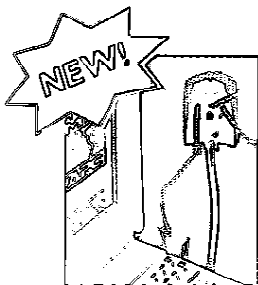


APC's SurgeArrest provides more features, performance and value than any other same-class surge suppressor!

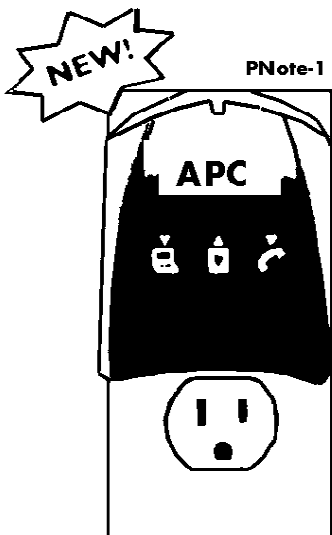
High-performance surge protection, guaranteed for LIFE!



SurgeArrest Notebook suppressor...

Surge suppression is vital to the health of your electronic equipment, but the right solution must balance risk and cost. Whether you need basic protection, or the best protection money can buy, APC has a SurgeArrest to meet your needs. Each SurgeArrest model offers the best protection from lightning strikes and everyday power surges that can cause hardware damage and data loss. Choose from the 14 models, spanning four families: Personal SurgeArrest for small office and home applications, Professional SurgeArrest for high-end home and business applications, Network SurgeArrest for network business systems, and new SurgeArrest Notebook for portable electronics. Every model carries a lifetime warranty, so you'll never need to worry again.

SurgeArrest®



SurgeArrest Notebook	
PNOTE-1 SPECIFICATIONS	
Normal Line Voltage	120 Vac, 50/60 Hz
Max Line Current	15 Amps, continuous
Let-through Voltage	<7%
UL 1449 TVSS Rating L-N, L-G, N-G	400V
Surge Energy Capacity	114 joules
Peak Surge Current	4.5 kAmps NM 9.0 kAmps CM
Lines Protected	3 & 4 or RJ11
Breakover Voltage	260 Vpeak (nominal)
Response Time	<5nS
Overload Protection	Solid state self-resetting fuse

Network SurgeArrest

The Network SurgeArrest series provides maximum protection for network business computer equipment including workstations and network modems

- <40V let-through rating
- Lifetime product warranty
- \$25,000 Lifetime Equipment Protection

SurgeArrest Notebook

The SurgeArrest Notebook has three phone jacks providing mobile users with single installation convenience.

- Lifetime product warranty
- \$3,500 Three-year Equipment Protection

► Catastrophic Event Protection

When most surge suppressors fail, they still allow harmful "after shock" surges to pass through. If SurgeArrest fails, it fails open, preventing subsequent strikes from reaching your equipment.

► Industry Approvals

All SurgeArrest models carry UL and CSA safety approvals.



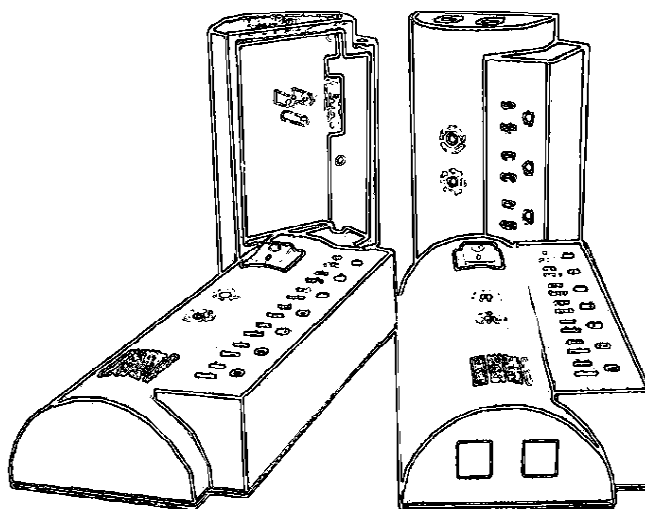
► Site Wiring Fault, Protection Working Indicators

To work properly, surge suppressors require a correctly wired and grounded outlet. SurgeArrest is equipped with a Site Wiring Fault LED that identifies dangerous wiring problems before you plug in your equipment. A Protection Working LED warns you if SurgeArrest circuitry is ever damaged. APC will then replace the damaged SurgeArrest for free under its lifetime warranty. (Site wiring fault indicator not available on PNote-1.)



Net3

Net3T



Net7

Net7T

FEATURES	Network SurgeArrest				Professional SurgeArrest			Personal SurgeArrest					
	Net3	Net3T	Net7	Net7T	Pro7	Pro7T	Pro7C	Per3	Per3T	Per3C	Per7	Per7T	Per7C
Modem/Fax Protection	-	YES	-	YES	-	YES	-	-	YES	-	-	YES	-
Cable TV Coax Protection	-	-	-	-	-	-	YES	-	-	YES	-	-	YES
Protection Working LED		YES				YES				YES			
Site-Wiring Fault LED		YES				YES				YES			
Catastrophic Event Protection		YES				YES				YES			
Thermal Fuse		YES				YES				YES			
Tracking of Sine Wave		YES				YES				YES			
15 Amp Circuit Breaker	-	-	YES	YES	YES	YES	YES	-	-	-	YES	YES	YES
Master ON/OFF Switch	-	-	YES	YES	YES	YES	YES	-	-	-	YES	YES	YES
Model Type	Walmart		Floor			Floor			Walmart		Floor		
# of Protected Outlets	3	3	7	7	7	7	7	3	3	3	7	7	7

▶ **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!

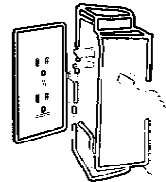
▶ **Lifetime Equipment Protection Policy**
Your equipment connected to SurgeArrest is protected, too! Under the Lifetime Equipment Protection policy, APC will repair or replace connected equipment damaged by surges, including lightning strikes, up to \$25,000!* (* See policy for details. Equipment Protection lasts three years on PNote-1.)



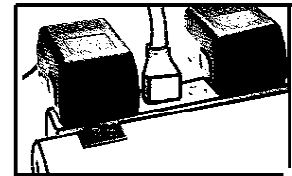
▶ **Modem/Fax Protection**
Telephone protection for RJ11 connections prevents spikes and surges from reaching your modem, fax, answering machine, and telex equipment via phone lines (Per3T, Per7T, Pro7T, Net3T, Net7T, PNote1 models only).

▶ **Cable TV Protection**
Personal and Professional SurgeArrest feature cable TV coaxial line protection for video and cable television equipment. (Per3C, Per7C, Pro7C models only).

▶ **3 Outlet Walmart Models**
Personal and Network SurgeArrest families easily convert a wall outlet into a 3 outlet surge suppressor.



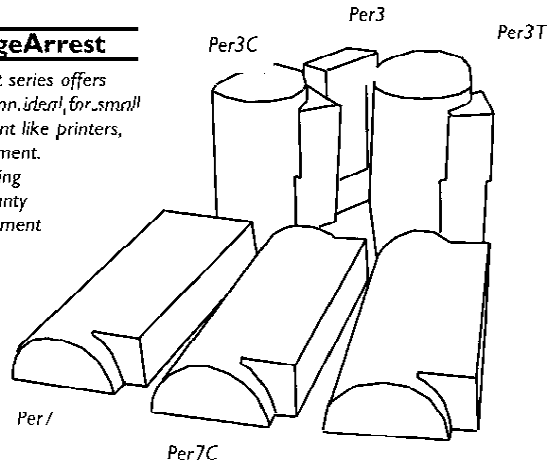
▶ **7 Outlet Floor Models**
Seven outlets on floor models provide ample space for equipment plugs with transformer blocks.



Personal SurgeArrest

The Personal SurgeArrest series offers affordable surge protection, ideal for small office and home equipment like printers, modems and video equipment.

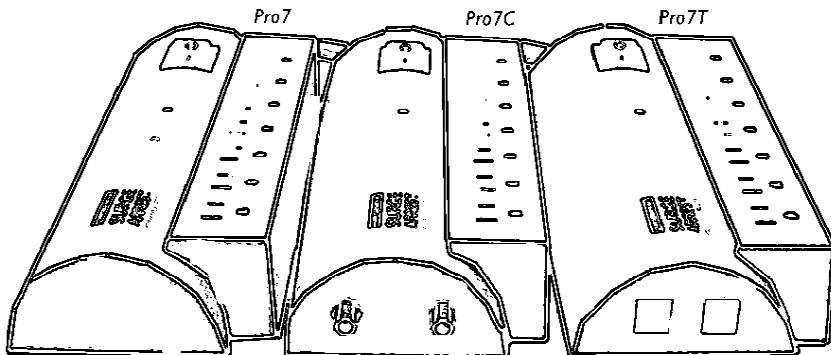
- <330V let-through rating
- Lifetime product warranty
- \$2,500 Lifetime Equipment Protection



Professional SurgeArrest

The Professional SurgeArrest family offers a great value for high-end home equipment and business applications including: high-performance stereo and video equipment, laser printers, telephone/modems.

- <85V let-through rating
- Lifetime product warranty
- \$10,000 Lifetime Equipment Protection



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AMERICAN POWER CONVERSION

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SPECIFICATIONS	Network SurgeArrest				Professional SurgeArrest			Personal SurgeArrest					
	Net3	Net3T	Net7	Net7T	Pro7	Pro7T	Pro7C	Per3	Per3T	Per3C	Per7	Per7T	Per7C
IEEE Let-through Voltage (1)	<40V				<85V			<300					
EMI/RFI Noise Filtering	>30-70dB	>60-90dB	>40-70dB		>20-60dB			>20-60dB					
Nominal Line Voltage	120Vac, 50/60 Hz												
Max. Line Current	15 Amps, continuous												
UL 1449 TVSS Rating	330V across all 3 lines (L-N, L-G, N-G)												
Surge Energy Capacity (3)	480 Joules				320 Joules			240 Joules					
Peak Current NM/CM (4)	13 kAmps NM, 26 kAmps CM				13 kAmps NM, 13 kAmps CM			6.5 kAmps NM, 13 kAmps CM					
NM Surge Response Time	0ns (Instant)												
Agency Approvals	UL 1449 TVSS; UL 1283 EMI filter (except Per models); CSA; UL 498 (3 outlet models); UL 1363; UL 497A (Tel models); UL 1410 (Coax models)												
Physical Dimensions	3 Outlet: 2" H x 4.25" W x 6.25" D, (5.1cm x 10.8cm x 15.9 cm), 7 outlet: 2" H x 4.25" W x 10.5" D, (5.1cm x 10.8cm x 26.7 cm)												
Physical Weight [Shipping]	1.0 [1.2]lb	1.0 [1.3]lb	1.9 [2.3]lb	2.1 [2.5]lb	1.9 [2.3]lb	2.0 [2.4]lb	2.0 [2.5]lb	.7 [1.0]lb	.8 [1.1]lb	.7 [1.2]lb	1.7 [2.1]lb	1.8 [2.2]lb	1.7 [2.3]lb
Lifetime Product Warranty	YES												
Lifetime Equipment Protection (including lightning protection)	\$25,000				\$10,000			\$2,500					

NM: Normal Mode (L-N), CM: Common Mode (L+N-G). All specifications provided according to NEMA standard LS-1-1992 (1) NM₂ 6kV ANSI/IEEE C62.41 (587) Category A Ring Wave test. (2) NM rejection over 100 kHz to 10 MHz. Tested using 50 ohm LISN, swept frequency analyzer. (3) Total performance rated with one 10x100µs pulse. Most manufacturers do not use industry standard practise in measuring Joules. (4) Performance rated with one 8x20µs pulse.

SurgeArrest Offers the Multi-Stage Advantage!

Multi-Stage Protection

SurgeArrest advanced multi-stage design combines the individual strengths of several components to provide the best protection. When subjected to stringent UL 1449 surge suppressor tests, SurgeArrest exceeds UL's best possible rating of 330V across all three lines.

fuse reacts to sustained overvoltages. In both cases, SurgeArrest shuts your system down in the event of a dangerous wiring fault. This protection actually blocks errant power from reaching your equipment even if the surge components are ever damaged.

Fast-Acting Fuse reacts to lightning strikes and other large surge events.

Capacitors filter EMI/RFI noise and absorb frequent low to medium energy surges.

Thermal Fuse reacts to sustained overvoltages.

Metal Oxide Varistors (MOVs) provide common and normal mode protection from high-energy spikes.

Massive Rod Core Inductors provide superior line noise (EMI/RFI) filtering.

Modem/Fax protection meets UL497A telecom standard. 6ft. phone cable provided (Per3T, Per7T, Pro7T, Net3T and Net7T models only).

Catastrophic Event Protection

SurgeArrest is equipped with a fast-acting fuse that reacts quickly to lightning strikes and other catastrophic surges. A thermal

NOTE: Most other surge suppressors continue to let power through even after circuits have been damaged, leaving your equipment exposed to additional damaging surges!

Net7T model illustration

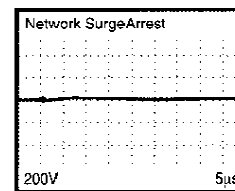
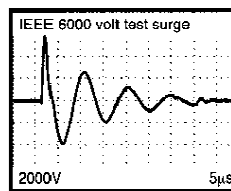
APC is the Let-through Performance Leader

Lab tests show SurgeArrest is the best protection!

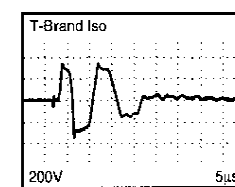
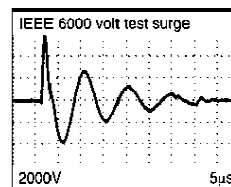
Unlike methods such as the Joule Rating, the surge Let-through Voltage Rating is the only industry endorsed measure of surge suppressor performance. IEEE defines testing standards that simulate power surges common to the home and office environments. The oscilloscope photos to the right show how two

different surge suppressors perform on IEEE 587A let-through tests. Essentially, the tests show how much of a real spike or surge each device will let through to your valuable electronic equipment.

NOTE: Network SurgeArrest outperforms its same-class competitors with the lowest surge Let-through Voltage Rating, (the best suppression)!



APC's Network SurgeArrest "lets through" less than 40V of the 6000V test surge to your electronic equipment, while...



...another competing brand lets through dangerously high levels (over 390V) of the test surge to your equipment!

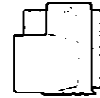
APC's quality system is certified by ISO 9002 standards.



Peripherals
SurgeArrest®
ProtectNet®
PowerManager®



Workstations
Back-UPS®
Back-UPS® Office™
Back-UPS Pro®



Servers
Smart-UPS® v/s™
Smart-UPS®
Smart-UPS® RM
Smart-UPS® XL



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