

APC SurgeArrest Network and Professional

This could be the last surge
suppressor you ever have to buy.



FEATURES

- » Eight outlets to handle all computer and peripheral equipment.
- » Accommodates up to six transformer blocks (three without covering other outlets).
- » Two outlets are always on for devices that need constant power.
- » Easily accessible master on/off switch.
- » Lowest IEEE 587 Category A Let-Through.
- » Building/Site Wiring Fault LED indicates potentially unsafe wiring problems.
- » Models with data line or telephone line protection available.
- » A lifetime warranty plus an equipment protection policy of \$100,000 for the Network versions and \$75,000 for the Professional version.

OVERVIEW

These smartly priced, eight-receptacle surge-suppression devices enable you to protect your expensive equipment from damaging surges, lightning, and overcurrents.

These surge suppressors protect against surges via utility lines. Additionally, some models provide data line or telephone line protection.

Ideal for small office or home office environment, SurgeArrest surge suppressors feature state-of-the art circuitry that provides sensitive electronic equipment with excellent protection against large surges.

And, based on suggestions from customers, APC has improved the overall design. For example, the spacing between outlets has been increased, so it can hold

up to three transformer blocks without covering other outlets or six total transformer blocks.

What's more, two of the outlets are "always on" for devices that require constant power. The two outlets supply conditioned power directly from the utility source.

We offer two types of SurgeArrest surge protectors—Network and Professional models. All feature:

- **Both lightning and surge protection.**
- **Eight outlets on the floor**, including ample space for equipment plugs with transformer blocks, so you can keep the surge protectors out of the way.
- **Catastrophic event protection.** When most surge suppressors fail, they still allow harmful "after shock" surges to pass through. If the SurgeArrest fails, it fails open, preventing subsequent surges from reaching your equipment.
- **A Protection Working Indicator.** This tells you that the SurgeArrest is switched on and providing conditioned utility power to the strip's outlets. The LED also warns you if the SurgeArrest circuitry is damaged. APC will then replace it for free.
- **Building/Site Wiring Fault Indicator.** This LED identifies dangerous wiring problems before you plug in your equipment. It lights when there's no ground circuit or a reversed polarity in the building wiring, or if the neutral circuit is overloaded.
- **A resettable circuit breaker** that'll trip to disconnect the utility power if the SurgeArrest becomes overloaded.
- **Industry approvals.** All models carry UL® and CSA safety approval.
- **Master on/off switch**, which you can use to control the entire system, and is easily accessible and recessed to prevent an accidental turn-off.

The Network versions of the [APC SurgeArrest](#) have a stricter IEEE let-through rating than the Professional models: <40 V, compared with the Professional's rating of <85 V. The IEEE tests simulate severe surge events common to home and office environments, and the let-through rating indicates the maximum voltage level that can possibly reach equipment after a surge or voltage spike has passed through the surge protector.

Plus the Network SurgeArrest models have a surge energy rating of 480 joules, versus the 320 joules of the Professional SurgeArrest models.

What's more, the Network model is available with built-in Ethernet (10BASE-T), Fast Ethernet (100BASE-T4, 100BASE-TX, 100VG), and Token Ring (4- and 16-Mbps UTP) protection to prevent surges from damaging connected LAN equipment

on up to eight data lines. This version (the NET8N) has an RJ-45 interface for plugging in a 10BASE-T/100BASE-TX or Token Ring (4 or 16 Mbps) cable links and includes a network patch cord.

Both Network SurgeArrest models feature cord-management straps that enable you to bundle power cords neatly and put them out of the way.

For modem/fax/DSL protection on two four-wire lines in your home or small office, order the Professional SurgeArrest with Telephone Line Protection (PRO8T2). It has two RJ-11 ports and two telephone cables for connecting equipment. This model protects modems, fax, telex, and answering systems from transients caused by lightning.



TECH SPECS

EMI/RFI Noise Rejection (100 kHz to 10 MHz) —
 NET8, NET8N: 70 dB;
 PRO8, PRO8T2: 60 dB

eP Joule Rating — NET8, NET8N: 3420;
 PRO8, PRO8T2: 1760

IEEE Let-Through — NET8, NET8N: <40 V;
 PRO8, PRO8T2: <85 V

Input Protection — 15-amp circuit breaker

Maximum Line Current — 15 amps

Normal Line Voltage — 120 VAC, 50/60 Hz

Outlets — 8 (2 “always on”)

Peak Current — NET8, NET8N: Normal mode: 13 kAmps,
 Common mode: 26 kAmps;
 PRO8, PRO8T2: Normal mode: 13 kAmps,
 Common mode: 13 kAmps

Surge Energy Rating — NET8, NET8N: 480 joules;
 PRO8, PRO8T2: 320 joules

UL® 1449 TVSS Rating — 330 volts across all 3 lines

Connectors — All: (8) NEMA 5-15P power receptacles;
 NET8N also has: (2) RJ-45;
 PRO8T2 also has: (2) RJ-11

Size — 1.75"H x 8"W x 5.75"D (4.4 x 20.3 x 14.6 cm)

Weight — 1.9 lb. (0.9 kg)

PRO8T2

What's included

PRO8T2:

- ◆ SurgeArrest Professional with Telephone Line Protection
- ◆ 6-foot (1.8-m) RJ-11 modular cable
- ◆ User's manual

Item

Code

APC® SurgeArrest

(also Named SurgeArrest SurgeStation in Earlier Releases)

Network	NET8
with Data Line Protection	NET8N
Professional	PRO8
with Telephone Line Protection (2 Lines)	PRO8T2

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
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- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

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