

PERFORMANCE AND SPECIFICATIONS	<b>p r o 4 - k</b>	<b>e 1 0</b>	<b>e 2 0</b>
Let-through voltage <sup>(1)</sup>	<5%	<15%	<5%
EMI/RFI noise filtering <sup>(2)</sup>	>18-65dB	10 dB max	20-70dB
Nominal line voltage	220-240 Vac. 50/60 Hz		
Maximum line current	10 Amp		
User-Resettable Circuit Breaker	yes		
Surge energy capacity <sup>(3)</sup>	320 Joules	315 Joules	420 Joules
Peak surge current <sup>(4)</sup>	11/11 kA NM/CM	5.5/11 kA NM/CM	11/11 kA NM/CM
Warranty	3 years	3 years	5 years
Physical size	8.9 cm x 5.1 cm x 40.6 cm	31.1 cm x 12.6 cm x 5.9 cm	
Socket style	BS1363 plug	E10-F: French/Belgian; E10-G: CEE 7 Schuko	E20-F: French/Belgian; E20-G: CEE 7 Schuko

NM: Normal mode (L-N), CM: Common Mode (L+N-G). (1)NM±6kV ANSI/IEEE C62.41 (587) Category A Ring Wave test. (2)NM Rejection over 100kHz to 10MHz. Tested using 50-ohm LISN, swept frequency analyzer. (3) Total performance rated with one 10 x 100µs pulse. Most manufacturers do not use industry standard practice in measuring Joules. (4) Performance rated with one 8 x 20µs pulse.

## MULTI-STAGE PROTECTION

**Multi-Stage Protection**  
SurgeArrest has an advanced multi-stage design that combines the individual strengths of several components to provide the best protection.

### Catastrophic Event Protection

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

tained 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 if the surge components are ever damaged.

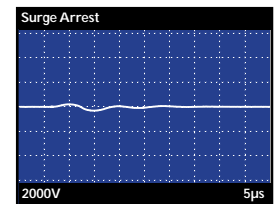
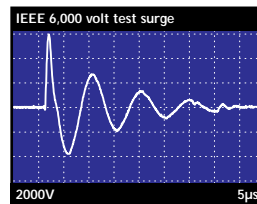


**NOTE: Most other surge protectors continue to let power through even after circuits have been damaged, leaving your equipment exposed to additional damaging surges!**

## HIGH-PERFORMANCE PROTECTION

Lab tests prove that SurgeArrest offers unequalled protection! SurgeArrest incorporates filters that track the sine wave and provide instantaneous response to surges. Oscilloscope photos show the amount of voltage

that passes through an unprotected line when subjected to a 6000-volt spike. Notice how SurgeArrest suppresses the spike and protects your valuable and sensitive computer equipment.



E20 model let-through shown.

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# SurgeArrest®

230V



Protects your computer equipment from lightning and dangerous power peaks.

**SURGE  
ARREST**



**APC**  
AMERICAN POWER CONVERSION

# SurgeArrest®

## Three SurgeArrest families to choose from, each providing more features, performance, and value than other same-class surge suppressors!

Surge suppression is vital to the health of your electronic equipment, but the right solutions 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 offers the best protection from lightning strikes and everyday power surges that can cause hardware damage and data loss.

- ▶ **Product Warranty**  
APC will replace your SurgeArrest if it is damaged by a surge or lightning strike.
  - Pro4-K: 3-year warranty
  - E10 series: 3-year warranty
  - E20 series: 5-year warranty



Model Pro4-K



### pro4-k

The SurgeArrest Pro4-K offers high-performance surge protection plus:

- <5% let-through voltage
- EMI/RFI noise filtering
- 3-year warranty

- ▶ **Catastrophic Event Protection**  
Most surge protectors fail shorted, allowing harmful "after shock" surges to pass through. If SurgeArrest fails, it fails open - preventing subsequent strikes from reaching your equipment.



### e20

The SurgeArrest E20 Series offers high-performance surge protection plus:

- <5% let-through voltage
- EMI/RFI noise filtering
- 5-year warranty

**Superior Design**  
SurgeArrest's five-outlet design handles your entire system, even multiple adapter blocks.



**e 1 0**

The SurgeArrest E10 Series offers basic surge protection plus:

- <15% let-through voltage
- EMI/RFI noise filtering
- 3-year warranty

FEATURES	PRO4-K	E10	E20
Multi-stage protection	yes	yes	yes
Site Wiring Fault Indicator	yes	yes	yes
Catastrophic Event Protection	yes	yes	yes
Thermal fuse	yes	yes	yes
Tracks sine wave	yes	no	yes
10-amp user-resettable circuit breaker	no	yes	yes
Master on-off switch	yes	yes	yes
Cord length	1.8 m	1.8m	1.8m



Model #E10-G

Also available with French/Belgian style outlets (model shown: E10-F)



Model #E20-G

**Site Wiring Fault Indicator**  
In order to work properly, surge suppressors require a correctly wired and properly grounded outlet. SurgeArrest identifies dangerous wiring problems before you plug in your equipment.

**Protection Working Indicator**  
SurgeArrest will warn you if its circuitry has been damaged and is unable to provide 100% protection. APC will then replace your damaged SurgeArrest under its 3-year (PRO4-K, series E10) or 5-year (series E20) warranty.

**Cord Management**  
SurgeArrest features cord management capabilities. A cord bay located in the back of SurgeArrest eliminates power cord clutter by allowing you to wrap cord lengths within.



**Plug insertion is safe and convenient.**



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