

SAVE THESE INSTRUCTIONS!

Thank you for selecting the SurgeArrest Rackmount from American Power Conversion! It has been designed to provide the highest degree of protection from utility line spikes, surges and EMI/RFI noise. Please complete and return the enclosed warranty registration card.

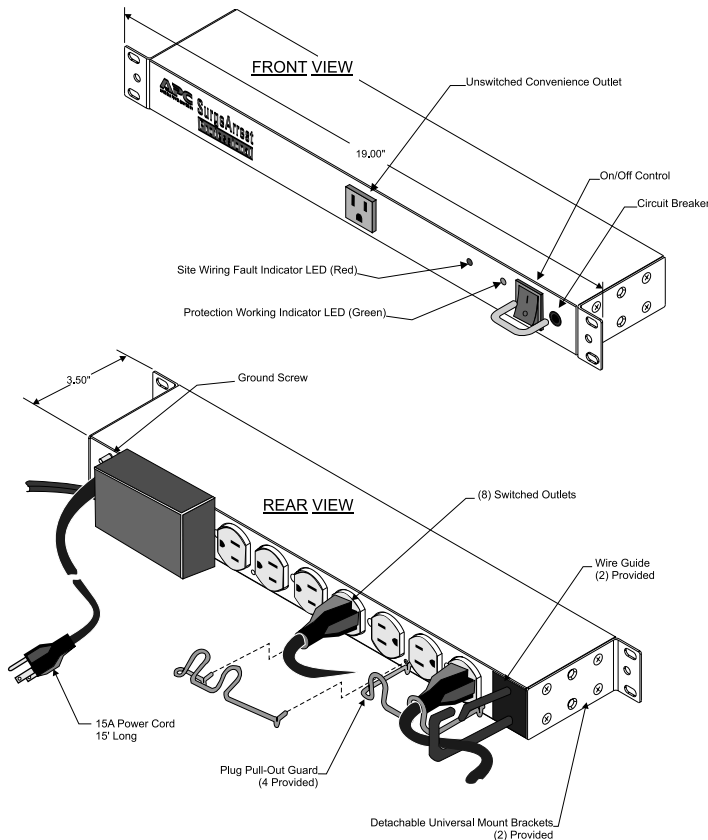
Surges are caused by nearby lightning activity and motor load switching created in air conditioners, elevators, refrigerators, etc. The SurgeArrest Rackmount “filters” out EMI/RFI (Electromagnetic and Radio Frequency Interference) noise with components whose electrical resistance is very high at radio frequencies. EMI/RFI noise is commonly created by the same activity which produces surges but can also be caused by nearby radio transmitters.



Important Safety, Grounding & Installation Instructions

Before installation, read and understand the following safety instructions.

- The SurgeArrest Rackmount suppressor is intended for indoor use only. Do not install this product where excessive moisture or heat is present.
- Never install any wiring or products during a lightning storm.
- Plug the SurgeArrest Rackmount suppressor into a three wire, grounded outlet only. If the SITEWIRING FAULT indicator is illuminated, a qualified electrician should be summoned to correct the service wiring.
- The SurgeArrest Rackmount was designed to be mounted in a variety of orientations within an equipment rack. Brackets with multiple hole patterns easily accommodate installation in both a horizontal or vertical orientation. (See diagrams below and at right.)
- Do not use extension cords and adapters with this product.



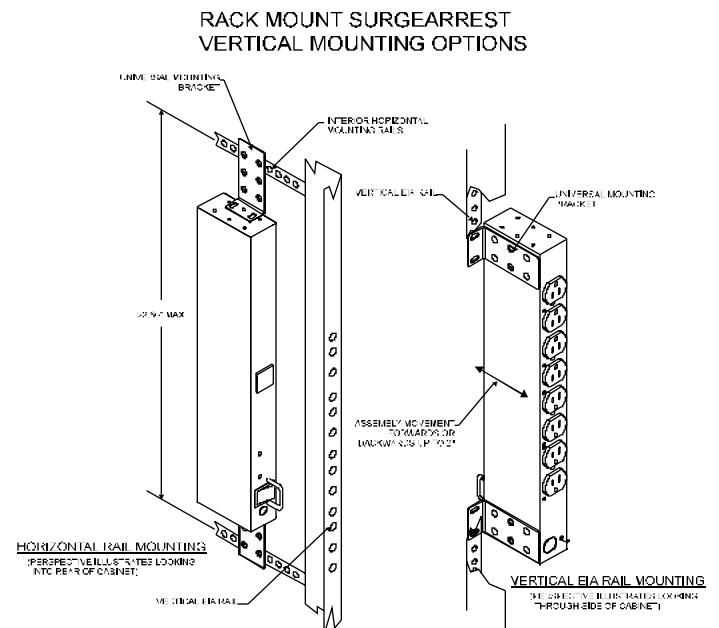
- Two Wire Guides are provided. These neatly bundle the line cords from the equipment being protected. Four Plug Pull-Out Guards are provided. Use these to prevent cords from being accidentally disconnected from suppressor receptacles. (See diagram below.)
- The Switch Guard prevents accidental “turn off”.
- An Unswitched Convenience Outlet on the front of the unit is always powered. It provides power for various test equipment that is not normally part of the rack system.
- A 15' Power Cord allows for convenient placement of rack system.

Operation

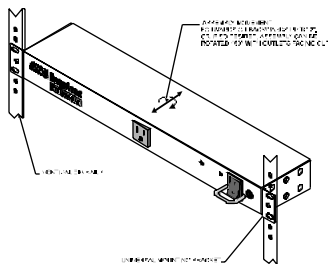
- The Site Wiring Fault Indicator (red) will illuminate if the building's wiring is faulty, regardless of the position of the On/Off Switch. This indicator signals either: missing ground wiring, the hot and neutral wires are reversed, or the neutral circuit is overloaded. If illuminated, a qualified electrician should be called to correct the service wiring. When SurgeArrest Rackmount is fully loaded, the Site Wiring Fault indicator may flicker - this is normal and may not be indicative of a fault. Even though equipment appears to operate normally, faulty wiring could become a shock hazard that would prevent the SurgeArrest Rackmount from providing rated surge and noise suppression. Note: The Protection Working LED (green) is normally illuminated when the switch is activated. The light is extinguished when SurgeArrest Rackmount has disconnected itself from the utility due to a sustained ultra high energy surge such as a direct lightning strike. If it is found that this light is extinguished, first check the Circuit Breaker and On/Off Switch to make sure that the suppressor is on and receiving power. If Protection Working LED still does not light, return the unit to APC for repair or replacement.
- The Circuit Breaker is tripped when the button is extended. This means that the suppressor is overloaded and at least one piece of equipment needs to be unplugged. The circuit breaker is rated to trip at the same overload as most home and office utility service branch protectors (15 Amps).
- The On/Off Control regulates power to the eight Switched Outlets. It can be used as a master system switch.

Mounting Procedures

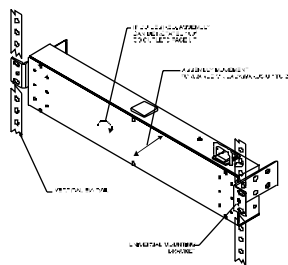
Study the diagrams below and at right for rack mounting options. All necessary brackets and screws are provided.



RACK MOUNT SURGEARREST
HORIZONTAL MOUNTING OPTIONS



RACK MOUNT SURGEARREST
REVERSE MOUNTING OPTION



“Equipment Protection Policy”

American Power Conversion’s “Equipment Protection Policy” THIS POLICY IS NOT A WARRANTY. REFER TO THE APC LIMITED WARRANTY FOR INFORMATION CONCERNING THE WARRANTY FOR YOUR APC PRODUCT. THE LIMITATIONS AND CONDITIONS CONTAINED IN THIS POLICY DO NOT AFFECT THE TERMS OF THE WARRANTY.

(In the U.S. and Canada Only for 120V Products)

If your electronic equipment is damaged by power line transients on an AC power line (120 volt) while directly and properly connected to a standard APC 120 volt product covered by the Equipment Protection Policy (“connected equipment”), and if all of the remaining conditions specified below are met, APC will, at APC’s sole option, during the lifetime of the product while owned by the original purchaser (“you” or “purchaser”) only, replace the APC product and either (a) pay for the repair of the connected equipment or (b) reimburse you for the fair market value, as determined by the then current price list of the Boston Computer Exchange (or equivalent), of the connected equipment, in an amount not to exceed the dollar limits stated below, if APC determines that the damage was caused by the failure of the APC product to protect against power line transients. Power line transients that APC products have been designed to protect against, as recognized by industry standards, include spikes and surges on AC power lines (not designed as protection against swells as defined by IEEE 1100-1992).

APC reserves the right to determine whether the damage to the connected equipment is due to APC product failure by requesting that damaged equipment be sent to APC for inspection. This policy is in excess of, and applies only to the extent necessary beyond, any coverage for the connected equipment provided by other sources, including, but not limited to, any manufacturer’s warranty, and any extended warranty coverage.

Equipment Protection Policy Dollar Limits

For customers that meet the qualifications and conditions set forth in this policy, APC will provide reimbursement (cost of repair or fair market value) up to the dollar limits stated as follows:

Product	Dollar Limit
Network SurgeArrest Rackmount Model	\$25,000

Eligibility for coverage under the Equipment Protection Policy:

1. You must register the product by returning to APC the warranty card provided with the product within 10 days of purchase. All information must be filled in, and you should retain a copy for your records. The warranty card must clearly identify the types of electronic equipment that will be plugged into the APC product for which protection under this policy is claimed. All connected equipment must be UL or CSA approved.
2. The APC product must be plugged into properly wired and grounded outlets; no extension cords, adapters, other ground wires, or electrical connections may be used, with the sole exception of other standard APC 120 volt products. The installation must comply with all applicable electrical and safety codes set forth pursuant to the National Electrical Code (NEC).
3. Any claim under the Equipment Protection Policy must be made within 10 days of the date of alleged damage to the connected equipment.
4. The Equipment Protection Policy covers only standard APC 120 volt products used in the United States and/or Canada.

What is not covered under the Equipment Protection Policy:

1. Restoration of lost data and reinstallation of software are not covered.
2. This policy does not cover damage from a cause other than AC power line transients.

In addition, the following are expressly excluded from coverage:

3. DAMAGE CAUSED BY FAILURE TO PROVIDE A SUITABLE INSTALLATION ENVIRONMENT FOR THE PRODUCT (INCLUDING, BUT NOT LIMITED TO, LACK OF A GOOD GROUND).
4. Damage caused by the use of the APC product for purposes other than those for which it was designed.
5. Damage caused by accidents, or disasters such as fire, flood, or wind.
6. Damage caused by abuse, misuse, alteration, modification, or negligence.
7. This policy is null and void if, in APC’s view, the APC product has been tampered with or altered in any way.
8. EXCEPT AS EXPRESSLY PROVIDED IN THIS POLICY, IN NO CASE SHALL APC BE LIABLE UNDER THE TERMS OF THIS POLICY FOR ANY DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR MULTIPLE DAMAGES ARISING OUT OF THE USE OF THE APC PRODUCT OR DAMAGE TO THE CONNECTED EQUIPMENT, REGARDLESS OF THE LEGAL THEORY ON WHICH SUCH CLAIM IS BASED, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. SUCH DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF USE OF THE APC PRODUCT OR THE CONNECTED EQUIPMENT OR ANY ASSOCIATED EQUIPMENT, LOSS OF SOFTWARE, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME, THE CLAIMS OF THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY.

Submitting an Equipment Protection Policy Claim:

1. If all of the conditions for coverage are satisfied, call the APC customer service department at (800) 800-4APC and obtain an EPP RMA (Equipment Protection Policy Returned Material Authorization) number. APC will forward to you an Equipment Protection Policy claim form, which must be completed and filed within 30 days.
2. Mark the Equipment Protection Policy RMA number on the APC product you are returning.
3. Pack the APC product in its original packaging (or request packing materials from APC if the packaging has been discarded). Enclose the completed Equipment Protection Policy claim form and a copy of your sales receipt for the APC product in box.
4. Mark the EPP RMA number clearly on the outside of box.
5. Ship the product (one way shipping charges paid by you) to:

American Power Conversion
Dock 1
2000 Plainfield Pike
Cranston, RI 02920
Attn: EPP RMA# _____

6. APC will evaluate the product to determine its level of functionality, and will examine the product for evidence of damage from AC power line transients. (A) If APC’s evaluation provides no evidence of damage from power line transients, APC will send to the customer (i) a report summarizing the tests performed and (ii) a rejection of claim notice. (B) If the APC product shows evidence of damage from power line transients, APC will request that all connected equipment for which an Equipment Protection Policy claim has been submitted, be sent for evaluation to either APC or an authorized service center. If it is determined that the connected equipment has been damaged from AC power line transients, APC will, in its discretion, either authorize you to have the equipment repaired or reimburse you for the fair market value of the damaged equipment, up to the dollar limits stated above.
7. If you are authorized by APC to have the connected equipment repaired, the repair must be performed at a service center that is authorized by the manufacturer of the connected equipment. APC reserves the right to contact the authorized service center directly to discuss repair costs and damage to the connected equipment to determine if it was caused by AC power line transients and the right to request that the service center forward the connected equipment or components of the connected equipment to APC for inspection.
8. APC will, after determining that the damage was caused by the failure of the APC product to protect against AC power line transients, issue payment to you, in its sole discretion, for either costs of repair or the fair market value of the connected equipment, up to the dollar limits stated above. APC reserves the right to require you to transfer title and deliver the connected equipment to APC if it chooses to reimburse you for the fair market value of the connected equipment.
9. Unless modified in a writing signed by APC and you, the terms of this policy are understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral and written, and all other communications between the parties relating to the subject matter of this agreement. No employee of APC or any other party is authorized to make any representations beyond those made in this agreement concerning the Equipment Protection Policy.