

HomeGuard® Surge Protection Service

Product Specifications*

| | Peak Amps Rating | Joule Rating | EMI/RFI Noise Rejection | UL 1449 Clamping Voltage | 15 Year Product Replacement on Service Entrance Products Lifetime product replacement on Pluggable Products |
|---|------------------|--------------|-------------------------|--------------------------|---|
| HG4J150L [Installed @ meter] Provides primary protection against surges entering home through electrical service. {Warrantied to protect major “white” appliances} | 100,000 | 980 | Up to -20dB | 330V | Up to \$10,000/ household , \$5,000/ major white appliance listed on warranty. Downline warranty runs concurrent to HomeGuard service entrance product warranty. |
| 8000D Eight Outlet Plugstrip w/ cable connection [Typical Use: home entertainment system] | 39,000 | 2,100 | Up to -20dB | 330V | Up to \$25,000 for connected electronic equipment damage. |
| 8000T Eight Outlet Plugstrip w/ Telco connection [Typical Use: home Computer system] | 39,000 | 2,100 | Up to -20dB | 330V | Up to \$25,000 for connected electronic equipment damage. |
| EFI-1EC Single outlet Plugstrip w/ cable connection [Typical Use: spare television] | 26,000 | 270 | Up to -20dB | 400V | Up to \$250 for connected electronic equipment damage. |
| EFI-1ET Single outlet Plugstrip w/ telephone connection [Typical Use: answering machine] | 26,000 | 270 | Up to -20dB | 400V | Up to \$250 for connected electronic equipment damage. |
| EFI-1ES Single outlet Plugstrip [Typical Use: countertop appliance, i.e. Microwave oven, garage door opener] | 26,000 | 270 | Up to -20dB | 400V | Up to \$250 for connected electronic equipment damage. |

- All HomeGuard® products manufactured in US by EFI Electronics, Salt Lake City, UT.
- ⁽¹⁾ Warranty provided solely by EFI Electronics.
- 8000D & 8000T feature sinewave tracking. All plug strip response times are rated at <5 nanoseconds.
- All products meet UL 1449-2nd Edition. Specifications subject to change by manufacturer without notice.

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Explanation of Rating Terms

Compare ratings – not all surge protectors provide the same level of protection.

- **Joules**
 - A measure of how much energy a surge suppressor can handle. The higher the number the better. Many devices purchased in retail stores are only rated for no more than 200 joules.
- **Peak Amps**
 - Another energy absorption rating, amps are the “force” behind the voltage. The higher, the better.
- **EMI/RFI Noise Rejection**
 - This refers to two types of “noise” or interference which can cause problems with computers, TVs or any device with a microprocessor.
- **Clamping Voltage**
 - How high power spikes are permitted to rise before they are contained by the surge protector. Suppressors with lower clamping voltage ratings offer better protection against damage.
- **Sine Wave Tracking**
 - Many inexpensive surge protectors do not have this high-tech feature. Sine wave tracking prevents power spikes from rising too high.
- **Response Time**
 - Inexpensive surge services typically have 20 nanosecond response time or even slower. Surge protectors manufactured for the HomeGuard[®] service are rated at less than 5 nanoseconds (five billionths of a second).