



M3517 *e*~Radicator II

Noise and Spike Line Filter

POWER QUALITY SOLUTIONS

The *e*~Radicator II filter provides optimal protection for, and extends the life of, electronic devices including:

- HDTVs
- Audio Systems
- Computers
- Alarm Systems
- All Sensitive Electronics

e~Radicator II Description

Your expensive electronics are constantly assaulted by poor power, even when they are turned off. Voltage transients, noise, and spikes come not only from outside your home, but from within as well. Your heating and cooling system, refrigerator, fans, and pumps have motors that generate surges and noise when they are turned on and off. These surges, spikes, and notches can have enough energy to damage expensive equipment, such as HDTVs and computers, and can dramatically shorten their life.

High frequency noise can also interfere with microprocessor operation and communication, by radiating Electromagnetic Interference (EMI), and Radio Frequency Interference (RFI). This leads to data loss, poor audio fidelity and low video quality.

The *e*~Radicator II has three modes of protection. MOVs protect from the most damaging high voltage spikes. A differential mode filter protects from line spikes and high frequency generated noise, while a common mode filter protects from radiated high frequency noise and distortion.

The *e*~Radicator II installs in-line between your power source and equipment to allow the most protection possible from noise, spikes or poor power. Reduce your maintenance and downtime and stop replacing equipment that has failed due to poor power factor.

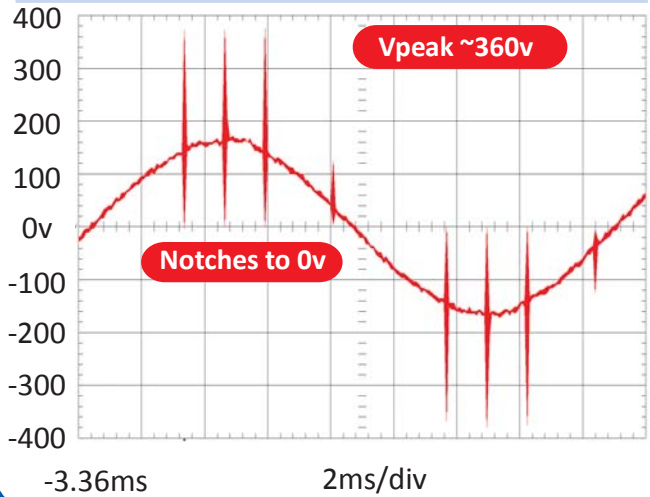


- SPECIFICATIONS -

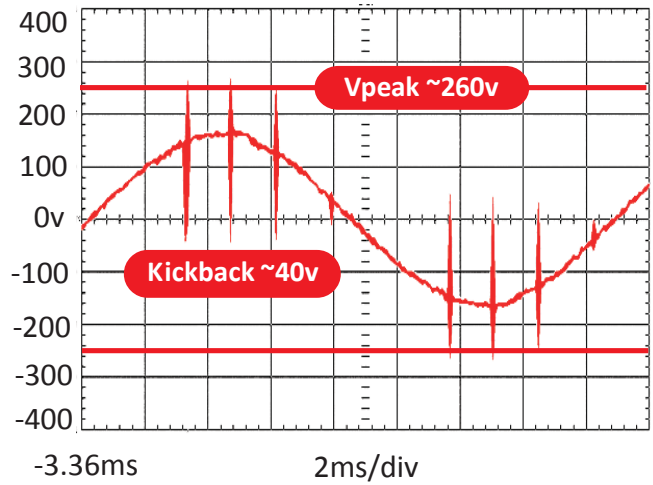
Input	120 VAC, single phase with PE ground line cord
Output	120 VAC, single phase with PE ground duplex socket
Frequency	50/60 Hz
Tolerance	+/- 15 %
Rated Current	15 Amps AC (1,800 Watts)
Front Panel Light	Power On indicator (LED)
Total Outlets	2 (one duplex socket)
Filters	EMI/RFI, 2 stage (1 common mode) (1 differential mode) (100kHz to 100 MHz)
Surge Protection	MOVs
Enclosure	3.80 x 9.93 x 5.07"

120VAC Line Voltage

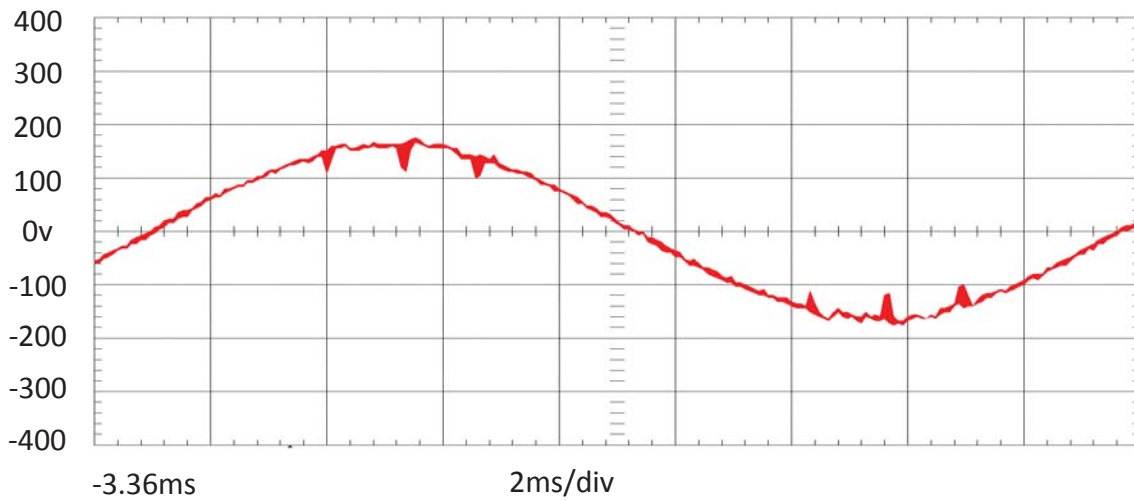
Noise Generator Enabled and 4A Load on Output



Power Protector with Overvoltage Clamp Noise Generator Enabled and 4A Load on Output

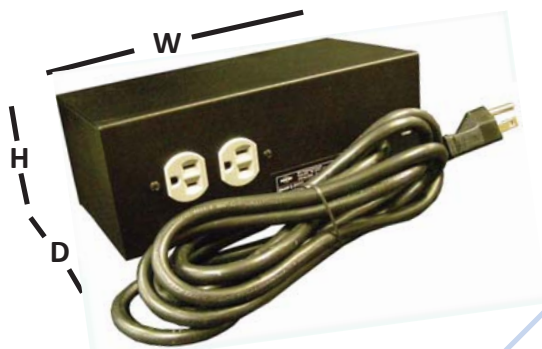


Voltage Output of $\epsilon\sim$ Radicator II Filter | Noise Generator Enabled and 4A Load on Output



$\epsilon\sim$ Radicator II
removes low
frequency spikes.

With
 $\epsilon\sim$ Radicator II



Chassis Type	Dimensions (H x W x D)
Enclosed	3.80 x 9.93 x 5.07"