



SurgeX Electrical-Architectural Specification:

The surge eliminator – power conditioner shall be housed in a magnetic shielding steel enclosure and have a self-test circuit with visual indicator. It shall operate from *120 volts/240 volts AC and shall have a load rating of *15 amps/20 amps. It will provide surge protection that shall be certified by Underwriters Laboratories to Federal CID A-A-55818 Grade A, Class 1, Mode 1 and withstand at least 1000 occurrences of category B3 surge pulses of 6000 volts without coupling surge energy to the ground wire. The surge protector shall have zero let-through voltage without producing common-mode surges when connected to a branch circuit.

The power conditioner shall provide EMI/RFI filtering which attenuates both normal-mode and common-mode noise by at least 50dB at 5MHz.

The surge eliminator – power conditioner shall be safety listed to UL1449 Second Edition.

*The power conditioner shall provide inrush current elimination and catastrophic over/under-voltage shutdown. The under- and over-voltage shutdown shall operate in such a way that the surge protector automatically powers equipment back up when the AC voltage returns within safe limits.

*Specified as-is with No substitutions

[* Delete as necessary to match the specific SurgeX model.]