



## SOLUTIONS & APPLICATIONS RESIDENTIAL

### What's the cost of surge damage to today's "smart" appliances and electronics?

U.S. consumers spend billions annually on "smart" home appliances, refrigerators with touchscreens, computerized washers, dryers, ranges and HVAC equipment. According to an analyst at the research firm IHS, Americans purchased approximately 276,000 networked appliances in 2014. This number is expected to increase exponentially to about 24 million by 2020 in the U.S. alone, and more than 470 million worldwide.

Today's sophisticated and expensive appliances and electronics all require protection from power surges.

As the electronics we rely on for home and business become "smarter," the components become more costly to replace. Damage from electrical surges are typically not covered in a manufacturer's or extended warranty. Furthermore, 84% of homeowners feel power strips provide adequate protection for computers, HD TVs and other electronic components. Only 20% of these same homeowners understand that these strips degrade over time, rendering them inadequate for surge protection. Consumers may not realize that the thousands of dollars they have invested in the kitchen, laundry room, garage and specialty lighting can all be protected with surge protective devices (SPDs) that are backed with both product and connected equipment warranties.

Intermatic has been safeguarding electrical equipment for over 20 years. Our approach is based off of ANSI/UL1449 3rd Edition standards. First, a Type 1 SPD is installed at the line side of the main service panel. This protects the entire electrical system of the residence or business. Next, a Type 2 SPD on the load side of the main service panel enables secondary surge protection from internal, or transient, power surge sources. Then, sensitive electronics and devices are protected from internal surges with point-of-use SPDs.

Intermatic's SPDs offer the industry's best ratings and state-of-the-art surge protection technology. The devices are designed with trusted, state-of-the-art TPMOV® (Thermally Protected Metal Oxide Varistor) surge protection technology that eliminates the potentially hazardous failure modes associated with standard MOV surge protection technology.



## Use this checklist to avoid the cost of surge damage.

Help your customers avoid this risk by conducting a thorough review of their whole house. Costs can be added up room-by-room, providing an eye-opening dollar amount to the risk a homeowner is taking with inadequate or non-existent surge protection coverage. Then calculate the total cost and compare it to the minimal investment required for surge protection devices. Be sure to factor in Intermatic's unsurpassed SPD ratings and connected equipment warranties.

COMPONENT	COST
<b>ENTERTAINMENT</b>	
Televisions	
Sat/Cable Receivers	
AM/FM Receivers	
CD Players	
DVD Players	
Video Game Consoles	
Sub Woofers	
Rechargeable Electronics	
Arcade Games	
Digital Projectors	
<b>TOTAL</b>	
<b>HOME OFFICE</b>	
Computers	
Monitors	
Copiers	
Printers	
Fax Machines	
Scanners	
Paper Shredders	
Rechargeable Electronics	
Specialized Equipment	
<b>TOTAL</b>	
<b>OUTDOORS</b>	
Garage Door Opener	
Sprinkler Controls	
Pool Pump	
Pool Heater	
Jacuzzi	
Fountain Pumps	
Landscape Lighting	
Well Pumps	
<b>TOTAL</b>	

COMPONENT	COST
<b>KITCHEN</b>	
Refrigerators	
Freezers	
Ranges	
Range Hoods	
Dishwashers	
Coffee Makers	
Microwaves	
Garbage Disposal	
<b>TOTAL</b>	
<b>MISCELLANEOUS</b>	
Washer	
Dryer	
Electric Heating	
Electric Water Heater	
Air Conditioning	
Cordless Phones	
Intercom	
Security	
Light Bulbs	
Ballasts	
Air Purifiers	
Exercise Equipment	
Power Tools	
Compressors	
<b>TOTAL</b>	
<b>WHOLE HOUSE TOTAL</b>	
Total Entertainment	
Total Home Office	
Total Kitchen	
Total Miscellaneous	
Total Outdoors	
<b>GRAND TOTAL</b>	