

SMART GUARD®

IG2200 Series Modular Surge Protection



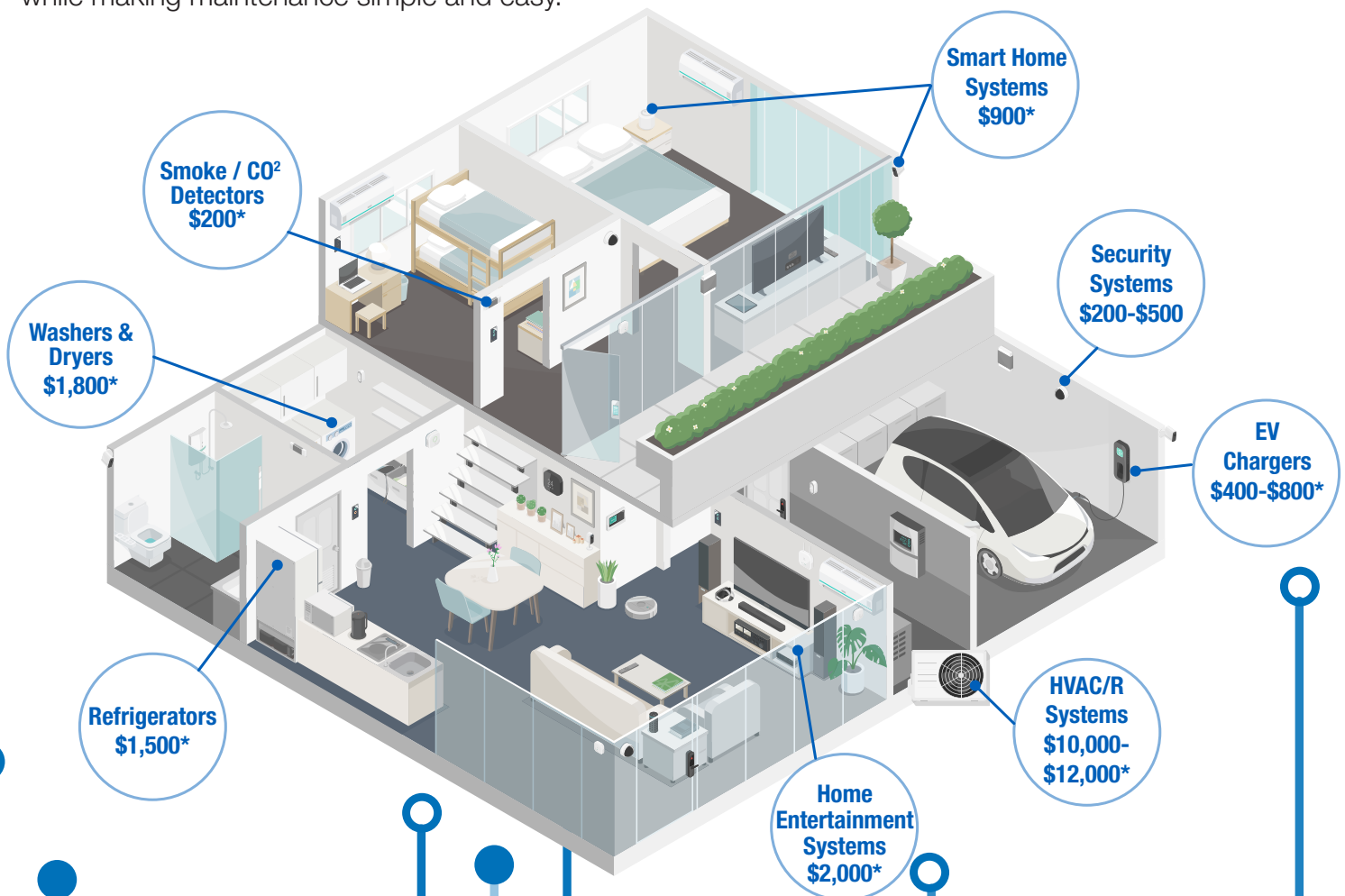
A Smarter Design for Whole Home Protection



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A Single Solution for Wall-to-Wall Surge Protection

SMART GUARD provides homeowners with a wall-to-wall defense against harmful power surge events while making maintenance simple and easy.



**estimated cost*

Why Choose SMART GUARD?

Wall-to-Wall Coverage

When wired to the main electrical breaker panel, SMART GUARD protects all appliances, electronics, and electrical systems within a home or business, not just those connected to a point-of-use surge strip.

Simple Maintenance

Homeowners can safely and easily maintain SMART GUARD by replacing damaged IMODULE cartridges after a power surge event – there's no need to call an electrician.

Easy-to-Read Indicators

An LED indicator shows when the unit is actively protecting electrical equipment and appliances, and when IMODULE cartridges need to be replaced.

10-Year Warranty

Rest easy knowing your investment includes a 10-year connected equipment warranty (up to \$50,000 on select models).



Integral Disconnect Switch

Select models include a convenient power switch to disconnect the device when replacing modules



Module Protection

Includes three IMODULE cartridges



Enclosure Options

Available with a metal or plastic enclosure (both indoor and outdoor ratings)



Power Status Indicator

A blue LED power status indicator lets users know the SPD is "ON"



Built-in Security

Tamper-proof module doors minimize unauthorized access to the unit



Protection Status Indicator

A green LED indicator shows users the SPD is actively protecting their space



Simple to Install, Simple to Maintain

Step 1

Turn off power and pull out affected IMODULE cartridge

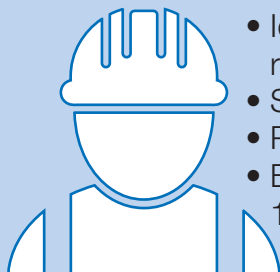
Step 2

Insert and push in new IMODULE cartridge

Step 3






Turn on power; a green LED indicates surge protection has been restored

Contractors: Help Homeowners Protect Their Investment and Stay Code Compliant



- Ideal add-on solution for new home builds, luxury homes, and major renovation projects
- Simple to install and widely available through distribution and retail channels
- Provides compliance with NEC codes for dwelling units (NEC 2023 section 230.67)
- Built to rigorous Intermatic manufacturing standards, and offers a 10-year product warranty

SMART GUARD® Specifications

| Model # | SPD Type | In* (kA) | SCCR** (kA) | Maximum Continuous Operating Voltage | | | | Voltage Protection Rating | | | | Lead Length | Integral Disconnect Switch |
|---|----------|----------|-------------|--------------------------------------|-------|-------|-------|---------------------------|-------|-------|-------|-------------|----------------------------|
| | | | | (L-N) | (L-L) | (L-G) | (N-G) | (L-N) | (L-L) | (L-G) | (N-G) | | |
| Indoor/Outdoor Type 3 Plastic | | | | | | | | | | | | | |
|  | 2 | 10 kA | 10 kA | 150 | 300 | 300 | 150 | 800 | 1200 | 1500 | 700 | 18" | No |
|  | 2 | 20 kA | 100 kA | 150 | 300 | 300 | 150 | 800 | 1200 | 1500 | 700 | 18" | No |
| Outdoor Type 3R Metal | | | | | | | | | | | | | |
|  | 2 | 20 kA | 100 kA | 150 | 300 | 300 | 150 | 800 | 1200 | 1500 | 700 | 18" | No |
| Indoor Type 1 Metal | | | | | | | | | | | | | |
|  | 1, 2 | 10 kA | 10 kA | 150 | 300 | 300 | 150 | 800 | 1500 | 1500 | 700 | 32" | Yes |
|  | 2 | 20 kA | 100 kA | 150 | 300 | 300 | 150 | 800 | 1200 | 1500 | 700 | 18" | No |

*Nominal Discharge Current

**Short Circuit Current Rating

UL Certified to ANSI/UL 1449, 5th Edition

| Ratings | |
|-------------------------------------|---|
| Input Voltage | 120/240 VAC, 50/60 Hz |
| Phase | Single |
| Modes of Protection | 6 (L1-N, L2-N, L1-G, L2-G, N-G, L1-L2) |
| Surge Protection Technology | TPMOV® |
| Max Surge Current Rating | 50 kA |
| # of Leads | 4 |
| Lead Gauge | #10 AWG, Tinned Copper |
| Operating Temperature | -31°F - 185°F (-35°C - 85°C) |
| Product Warranty Period | 10-Year limited (Base), 3-Year limited (MODULES®) |
| Connected Equipment Warranty Period | 10-Year / \$25,000 |

Accessories

| Model Number | Description |
|--------------------|--|
| IG120RSM10K | Replacement IMODULE® for SMART GUARD® |
| IG120RSM20 | Replacement IMODULE® for IG2280 Series |
| IG2200-FMK | Flush Mount Kit for IG2280-IM |



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