

Automatic Transfer Switch (ATS) Surge Protection

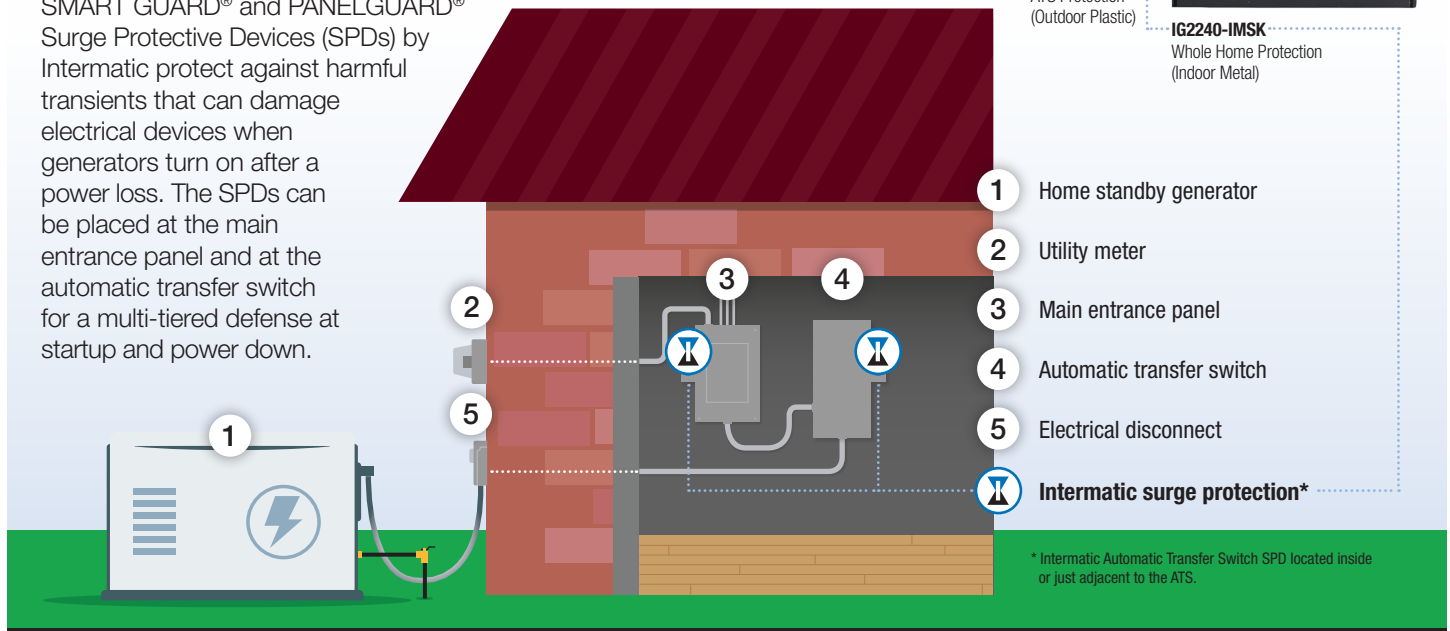
Residential and Commercial



Protect Against Service Issues When Disaster Hits Home

Although a growing number of homeowners are taking a proactive approach to disaster planning by installing a home generator, many overlook the importance of pairing that generator with robust surge protection.

SMART GUARD® and PANELGUARD® Surge Protective Devices (SPDs) by Intermatic protect against harmful transients that can damage electrical devices when generators turn on after a power loss. The SPDs can be placed at the main entrance panel and at the automatic transfer switch for a multi-tiered defense at startup and power down.



IG3240RC3
ATS Protection
(Outdoor Metal)

IG1240RC3
ATS Protection
(Outdoor Plastic)

IG2240-IMSK
Whole Home Protection
(Indoor Metal)

Scenarios to Protect Home Generators and Automatic Transfer Switch Components

- ▶ Residential power generators are vulnerable to transient activity. Placing surge protection on the primary side of the automatic transfer switch (ATS) is the ideal location to protect sensitive electronics and home appliances.
- ▶ Being fully exposed during an incoming transient or lightning event has the potential to damage the ATS, making it unable to perform critical startup and transfer functions during future power outages.
- ▶ Surge protection devices are highly recommended for ATS systems. They are commonly placed between the generator/utility inputs and the ATS output.
- ▶ When a generator starts up, the voltage may not yet be stabilized the instant the ATS transfers electrical current. This initial surge or overvoltage can damage home electrical equipment.

Turn to the trusted leader in surge protection for all your residential surge protection needs.

Intermatic IG3240RC (metal housing) and IG1240RC3 (outdoor plastic housing) SPDs offer protection for automatic transfer switches. Alternatively, our SMART GUARD® IG2240-IMSK (indoor metal) whole home surge protective solution provides coverage at the main entrance panel only. All options offer a connected equipment warranty of 5-10 years. Scan the QR code to learn more about Intermatic whole home surge protection solutions!



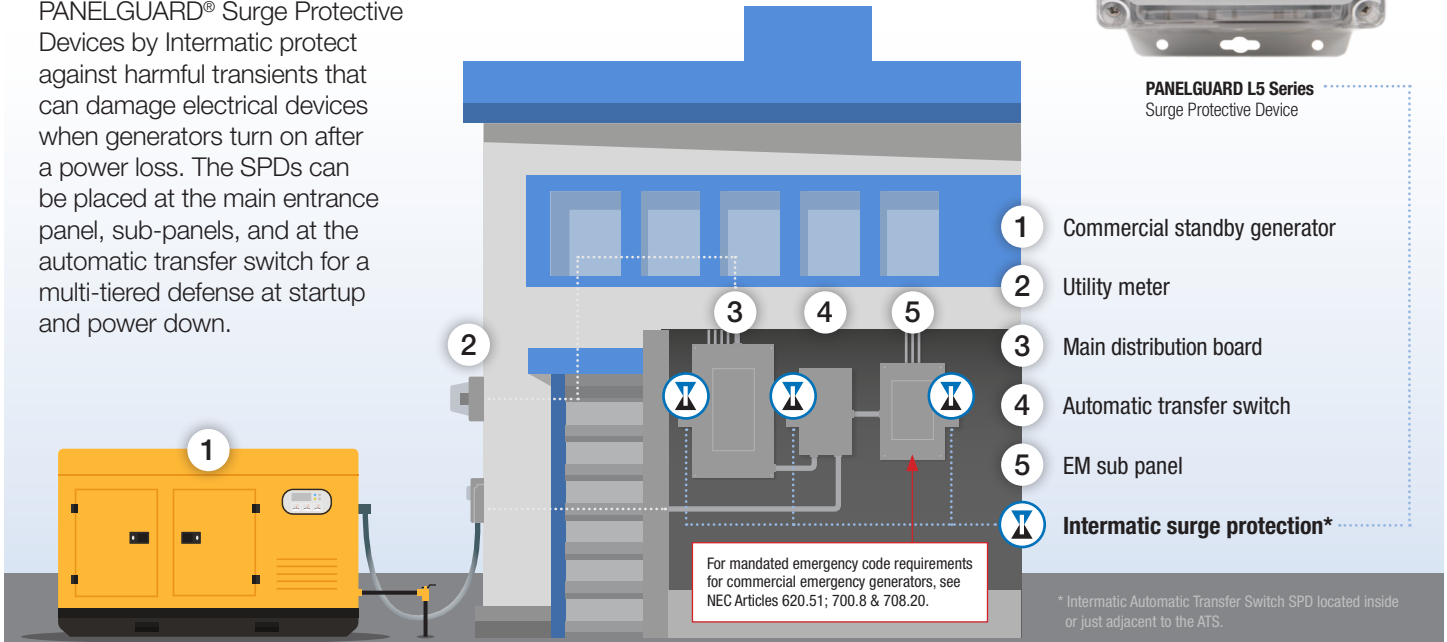
Help Commercial Spaces Stay Running When Power Outages Strike

It's common for businesses to have emergency plans for power outages, including the use of backup generators; however, many miss one important component: surge protection. Installing commercial-grade surge protective devices at key points throughout an electrical system can help prevent equipment failures and keep businesses running during unexpected power outages.

PANELGUARD® Surge Protective Devices by Intermatic protect against harmful transients that can damage electrical devices when generators turn on after a power loss. The SPDs can be placed at the main entrance panel, sub-panels, and at the automatic transfer switch for a multi-tiered defense at startup and power down.



PANELGUARD L5 Series
Surge Protective Device



Scenarios to Protect Commercial Generators and Automatic Transfer Switch Components

- ▶ Commercial and industrial power generators are vulnerable to transient activity. Placing surge protection on the primary side of the automatic transfer switch (ATS) is the ideal location to protect sensitive electronics, machinery, and equipment.
- ▶ Being fully exposed during an incoming transient or lightning event has the potential to damage the ATS, making it unable to perform critical startup and transfer functions during future power outages.
- ▶ Surge protection devices are highly recommended for ATS systems. They are commonly placed between the generator/utility inputs and the ATS output.
- ▶ When the generator starts up, the voltage may not yet be stabilized the instant the ATS transfers electrical current. This initial surge or overvoltage can damage building electronic equipment.

Turn to the trusted leader in surge protection for all your commercial surge protection needs.

Solutions like the Intermatic PANELGUARD L5 Series (TYPE 2 filtering option) offers optimum protection against electrical line noise or harmonic distortions. Scan the QR code to learn more about the full line of PANELGUARD Commercial and Industrial-Grade Surge Protection devices.

