



# ISG-SD solid-dielectric switchgear delivers reliable power to the campus with a sleek design and compact footprint

## Overview

Reliable power is more important than ever on today's college campuses. However, you don't have to sacrifice aesthetics for functionality. Eaton's ISG-SD solid-dielectric switchgear is designed to provide reliable performance in a highly versatile and sustainable solution.

ISG-SD switchgear allows campuses to move unsightly power cables and equipment underground. With a choice of padmount or subsurface installation, switchgear cabinets are low profile and can even be installed underground for minimal impact on campus grounds.

## Key features and benefits

- Manufactured with stainless-steel tanks and enclosures for maximum durability, long-lasting performance and rust-resistance
- Designs are completely customizable to meet individual requirements and space needs
- Solid-dielectric-in-air insulation technology eliminates the need for oil or gas, which means less potential impact on the environment
- No gas or oil means less components to maintain, for a virtually maintenance-free installation
- Versatile installation options to meet any application need
  - Low-profile padmount switchgear
  - Below-grade vaultmount and submersible switchgear
  - Designs to easily retrofit air-insulated switchgear



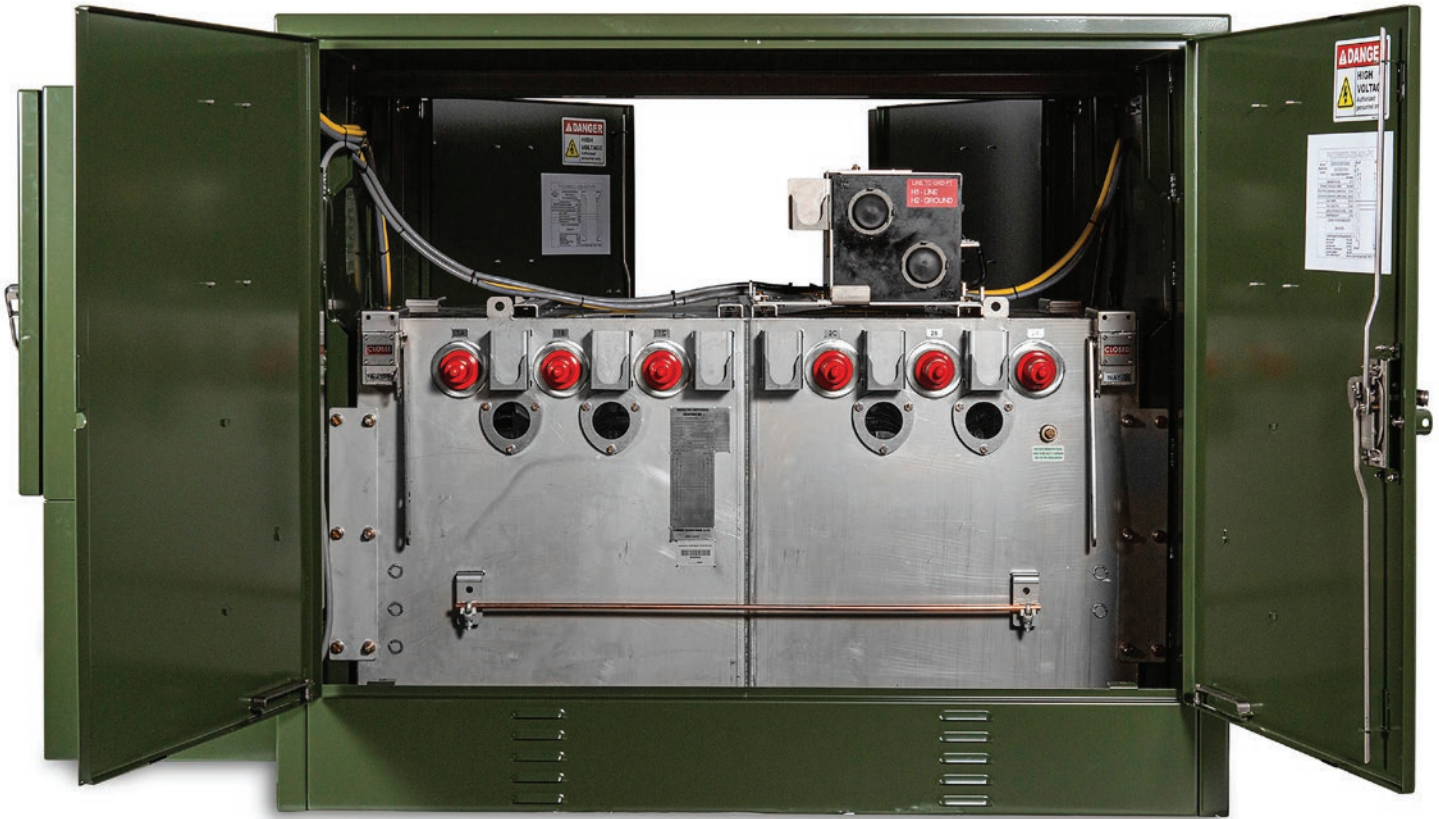
*Powering Business Worldwide*

# It's what's inside that matters:

Innovative technology and design for superior performance and safety

## Pad-mounted switchgear

- Low-profile design blends into the surroundings
- All stainless-steel enclosure for long-lasting, attractive appearance



### Tamper-resistant design

Deadfront tamper-resistant design provides protection from elements



### Personal and public safety

ISG-SD switchgear's solid-dielectric components are enclosed in a sealed stainless-steel tank to add a layer of protection for your personnel and the public



### Solid-dielectric insulation

Proper operation not dependent on gas pressure or oil level



### Sealed tank enclosure

Solid-dielectric insulation enclosed within solid tank to protect insulation from environmental elements



### Durable vacuum interruption

All switching and interruption in vacuum exceeds industry standards and ensures performance for life of product



### Industry trusted controls

SEL relay platform with over 30 years of proven performance



### Military-grade control cabling

All control cabling secured to eliminate improper operation due to environmental conditions



### Submersible control cabinets

Control cabinets sealed to prevent damage to critical control components

## Submersible switchgear

- Indoor and subsurface mounting puts switchgear out of sight
- Multiple configurations increase options for subsurface application



### Solid-dielectric technology: Sustainable by design

Traditional oil and SF<sub>6</sub> gas insulation mediums require monitoring and refilling, and can impact the environment. Eaton's ISG-SD solid-dielectric switchgear includes no oil and no SF<sub>6</sub> gas, which means less maintenance and reduced operational costs for an environmentally sound and sustainable solution.



### Switchgear designed for your needs – now and tomorrow

Automation and digital-communication ready, ISG-SD units can be delivered with a pre-engineered and factory-tested automation package. Unsure about your automation and control needs? All units come standard with provisions for motor operators and relays for future plug-and-play upgrades as your needs change.



### Building a secure power system is essential

At Eaton, security is a top priority. That's why we incorporate physical security and cybersecurity into our product designs. As leaders in the industry with our Cybersecurity Center of Excellence (CCOE), Eaton is constantly monitoring, researching and providing guidance on cybersecurity threats and best practices.



### Why Eaton?

Eaton is a proven and trusted power management solutions provider, delivering a complete solutions package for education. Our capabilities include power distribution, backup power protection, wiring devices, lighting and controls and turnkey project management services and support. We are with you at every step of your project.

**Contact your Eaton sales representative for a complimentary review of your power system and to learn how ISG-SD solid-dielectric switchgear can enhance your campus.**



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For more information on Eaton's ISG-SD  
solid-dielectric switchgear, visit  
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