

500kV Gas Insulated Switchgear

Gas insulated switchgear (GIS) and hybrid gas insulated switchgear (HGIS) are designed for high voltage electrical substations. These systems, suitable for both indoor and outdoor installations, provide reliable and compact solutions for power transmission and distribution up to 500kV.



Overview

High Voltage Performance

This 500kV Gas Insulated Switchgear (GIS) and Hybrid Gas Insulated Switchgear (HGIS) system is engineered for high-voltage power transmission and distribution. Designed for both indoor and outdoor applications, it offers a compact, modular, and space-saving architecture. Utilizing robust SF6 gas insulation, the system ensures high operational safety, minimized maintenance needs, and superior protection against harsh environmental conditions.

Technical Specifications

Integrated Components

- Circuit Breakers
- Disconnectors
- Earthing Switches
- Current Transformers
- Voltage Transformers

Maximum Rated Voltage	500 kV
Insulation Medium	SF6 Gas

Installation

Key Design Attributes

Compact • Modular • Space-saving • Low Maintenance

Suitable Environments	Indoor, Outdoor
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