Power Xpert XGIS
Gas-insulated medium voltage switchgear

Big where it matters, small where it counts.

Critical power applications don't leave any room for error. Mistakes or substandard functioning can be costly and dangerous. That's why you need switchgear that is built to perform — and to last.

Power Xpert XGIS™ gas-insulated switchgear expands our market leading medium voltage switchgear portfolio to give you more options than ever before. From its compact design to enhanced personnel safety and low maintenance requirements, you owe it to yourself to see what our system can do for you.

Power Xpert XGIS switchgear provides a winning combination of excellent long-term value and low total cost of ownership pared with customers' most-wanted features- with no sacrifice of functionality.

Enhanced safety

Sealed components increase reliability and enhance safety

Small footprint

Compact design for installation in areas with minimal floor space

Low maintenance

Virtually maintenance-free with no on-site gas handling

Powering Business Worldwide

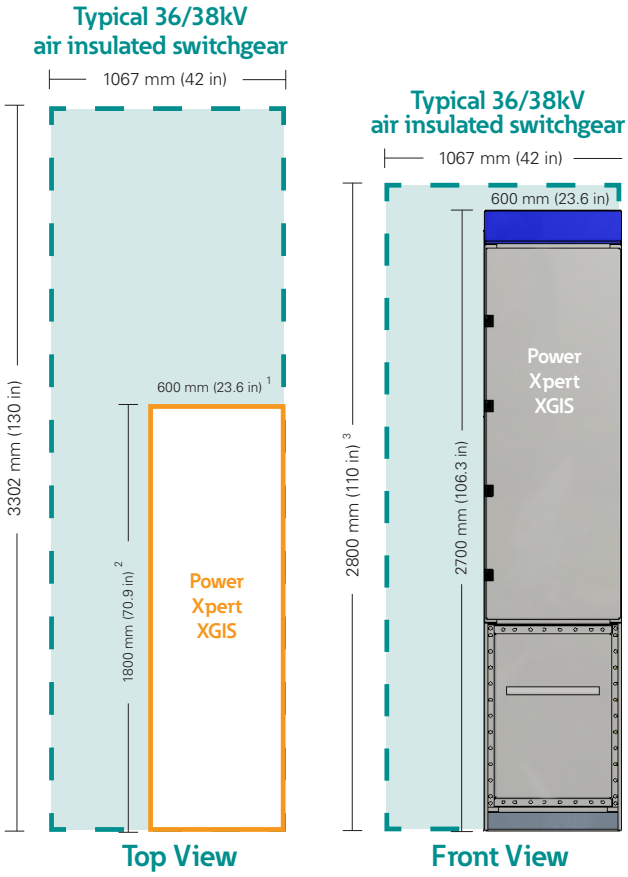
Standards
Designed and tested in third-party labs to IEC and IEEE standards
UL witnessed and STL certified to IEC 62271-100 and -200

System	Value
Rated voltage	36/38 kV
Lightning impulse withstand voltage	170 kV
Power frequency withstand voltage	90 kV
Rated frequency	50/60 Hz
Internal arc class	AFLR
Loss of service continuity category	LSC2B
Earthing circuit	31.5 kA - 3 s
Accessibility of compartments	
Circuit breaker compartment	Interlocked-controlled
Busbar compartmen	Tool-based/non-accessible
Cable compartment	Tool-based or Interlock-controlled
External degree of protection	IP4X (IP41 as an option)
Primary live parts (tank) degree of protection	IP65
Installation	Indoor
Busbar system	
Rated normal current	1250, 2000* A
Rated short-time withstand current	31.5 kA - 3 s
Rated peak withstand current	92 kA
Circuit breaker ratings	
Rated normal current	1250, 2000 A
Rated short-circuit breaking current	31.5 kA
Rated short-circuit making current	92 kA
Rated short-time withstand current	31.5 kA - 3 s
Breaking number of short-circuit current	30
Mechanism	
Rated operating sequence	0 - 0.3s - CO - 15s - CO

*Consult Eaton representative for higher ratings

Operating conditions Normal operating conditions, according to IEC 62271-1 for indoor switchgear.
Ambient air temperature and humidity
Less than or equal to 40°C (104°F)
Less than or equal to 35°C (96°) on average over 24 hours
Greater than or equal to -5°C (23°F)
Relative humidity (for a period over 24 hours)
Altitude
Less than or equal to 1000m**
Storage Conditions
In order to retain all of the functional units qualities when stored for prolonged periods, we recommend that the equipment is stored in its original packaging in dry conditions sheltered from the sun and rain at a temperature of between -25°C and +56°C

**For applications higher than 1000m, please consult factory



[1] Width for 1250A is 600 mm (23.6 in), 2000A is 800 mm (31.5 in), consult factory for higher ratings

[2] Includes provision for venting potential arc gases to the plenum

[3] An arc-resistant metal clad AIS would add approximately 750 mm or 30 inches to the height

Exceptional service, globally networked

Eaton's network serves the world, bringing you global expertise and local support. Our global footprint provides the breadth of solutions customers need for most applications. We offer a global network of installation and support from responsive, local professionals. Our regional application, engineering and manufacturing teams can offer custom solutions to fit your specific needs. Whether it be for turnkey design, start up and commissioning or field service, Eaton will be there to support you every step of the way. **Learn more at Eaton.com/XGIS**

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Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Electrical Sector
Canadian Operations
5050 Mainway
Burlington, ON L7L 5Z1
Canada
EatonCanada.ca

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