



DISTRIBUTION SOLUTIONS

PrimeGear ZX0

Greener is smarter.
Smarter is greener.



new.abb.com/medium-voltage/primegearZX0

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Designed for you: a sustainable, intelligent, medium-voltage primary gas-insulated switchgear. Now you can work greener and smarter.

Our efficient, robust and safe switchgear contains SF₆-free gas with a global warming potential of less than one. And it incorporates remote monitoring and diagnostics features, providing real time information, wherever you are. The low-pressure design maximizes protection and uptime.

PrimeGear™ ZX0 is better for your business and better for our environment.





Greener

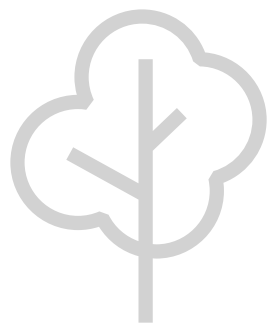
Better for our environment

Eco-friendly insulation:

- Dry Air or AirPlus: 99.99% lower global warming potential than sulfur hexafluoride (SF₆)
- Optional eco-ready panel: choose SF₆ insulation and easily refill with Dry Air or AirPlus in future

Efficient design:

- Innovative design: -25% footprint and low operating pressure
- 20% less heat generation, saving energy and improving safety
- Similar or even improved user experience to SF₆ gas-insulated switchgear



Smarter

Better for your business

Insightful digital features:

- Remote monitoring and diagnostics features provide insights at your fingertips
- Current and voltage sensors make installation and commissioning quicker and easier

Time-saving construction:

- No onsite gas handling required: the switchgear is ready filled and sealed
- The busbar is located outside the gas chamber: units can be easily connected and extended
- Downtime reduced: middle panel replacement feature
- Installation flexibility: the most compact footprint (-25%), choice of a wall-mounted or free-standing unit, plus top cable entry
- New modular design: further simplifies installation



Safer

Maximum protection

Designed and tested for increased safety:

- Robust build: designed and tested to mechanically withstand an arc flash event
- Low-pressure (1.0 bar absolute), reducing the risk of an arcing incident
- In the event of such an incident, free-standing units channel any ensuing hot gases along their length to a safe exit point



More reliable

Maximum peace of mind

Gas-insulated switchgear that won't let you down:

- Resilient: able to withstand a range of temperatures and climatic conditions
- Low-pressure improves safety and uptime: lower stress levels on materials, lower risks of leakage or failure
- In the unlikely event of a leak, PrimeGear ZX0 can remain in service up to the point of repair
- Remote monitoring and diagnostics features ensure maximum peace of mind

