

**QDTB® TRANSFORMER**

**XGN66**

High Voltage Switchgear

---

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.  
qdtb-transformer.com · Alice@qdtb-transformer.com

# XGN66 — Series Overview

The XGN66 series air-insulated fixed switchgear provides economical medium voltage switching for indoor distribution applications. Features SF6 load break switch with metal-enclosed busbar design for reliable and cost-effective distribution network operation.

## Key Features

- Air-insulated fixed switchgear design
- SF6 load break switch technology
- Cost-effective distribution solution
- Easy maintenance and inspection access

## Typical Applications

- Distribution network switching
- Cable branching applications
- Industrial power supply points
- Urban secondary distribution

## Model Number Breakdown

- X — Switchgear (Xinggaoqi)
- G — Fixed type (Guding)
- N — Indoor use (Nei)
- 66 — Design series number

# Model Specifications

1 model(s) in the XGN66 series. Weight and dimensions are typical reference values, subject to confirmation.

| Model    | Rated Voltage | Rated Current | Rated Breaking Current | Short-time Withstand (kA/4s) | Protection Level | Mechanical Life (ops) | Operating Mechanism              | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|----------|---------------|---------------|------------------------|------------------------------|------------------|-----------------------|----------------------------------|-----------------------|---------------|----------------------|
| XGN66-12 | 12 kV         | 630 A         | 25 kA                  | 25 kA                        | IP4X             | 10000                 | Spring-operated (integrated VCB) | GB3906, IEC 62271-200 | 800 kg        | 900×1500×2300 mm     |

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

# Standards & Certification

ISO 9001 Certified — Quality Management System  
CE marking — available on selected models  
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

*Note: Certification details and test reports are provided upon request for the specific model and destination market.*

# Inquiry & Contact

|          |                                                                                                               |
|----------|---------------------------------------------------------------------------------------------------------------|
| Website  | <a href="https://qdtb-transformer.com">https://qdtb-transformer.com</a>                                       |
| Email    | <a href="mailto:Alice@qdtb-transformer.com">Alice@qdtb-transformer.com</a>                                    |
| WhatsApp | +86 13698683193                                                                                               |
| Phone    | +86 13698683193                                                                                               |
| Address  | No. 50, Jifa Longshan Road, Environmental Protection Industrial Park, Jimo District, Qingdao, Shandong, China |

*QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.*