

# QDTB® TRANSFORMER

## SG

Three Phase Transformers

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PRODUCT DATASHEET

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

# SG — Series Overview

The SG series three-phase dry-type transformers are designed for industrial power distribution applications. Cast resin or open-type construction for indoor use.

## Key Features

- Three-phase 380V/660V systems
- Capacity range 1kVA to 300kVA
- Class F/H insulation
- Self-cooling (AN) design

## Typical Applications

- Industrial power distribution
- Machine shop power supply
- Factory automation
- Commercial buildings

## Model Number Breakdown

S — Three-phase

G — Dry-type

# Model Specifications

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

| Model      | Rated Capacity | Input Voltage | Output Voltage | Rated Current (A) | Frequency (Hz) | Weight (kg) † | Dimensions (L×W×H) † |
|------------|----------------|---------------|----------------|-------------------|----------------|---------------|----------------------|
| SG-100VA   | 0.1 VA         | ≤1000V        | Custom         | 0.06A             | 50/60          | 5 kg          | 90×80×95 mm          |
| SG-300VA   | 0.3 VA         | ≤1000V        | Custom         | 0.17A             | 50/60          | 5 kg          | 110×100×120 mm       |
| SG-500VA   | 0.5 VA         | ≤1000V        | Custom         | 0.29A             | 50/60          | 10 kg         | 120×110×130 mm       |
| SG-1000VA  | 1 VA           | ≤1000V        | Custom         | 0.58A             | 50/60          | 15 kg         | 140×130×150 mm       |
| SG-1500VA  | 1.5 VA         | ≤1000V        | Custom         | 0.87A             | 50/60          | 20 kg         | 155×140×165 mm       |
| SG-2000VA  | 2 VA           | ≤1000V        | Custom         | 1.15A             | 50/60          | 25 kg         | 170×150×180 mm       |
| SG-2500VA  | 2.5 VA         | ≤1000V        | Custom         | 1.44A             | 50/60          | 30 kg         | 180×160×190 mm       |
| SG-3000VA  | 3 VA           | ≤1000V        | Custom         | 1.73A             | 50/60          | 35 kg         | 190×170×200 mm       |
| SG-4000VA  | 4 VA           | ≤1000V        | Custom         | 2.31A             | 50/60          | 40 kg         | 205×180×215 mm       |
| SG-5000VA  | 5 VA           | ≤1000V        | Custom         | 2.89A             | 50/60          | 50 kg         | 220×190×230 mm       |
| SG-6000VA  | 6 VA           | ≤1000V        | Custom         | 3.46A             | 50/60          | 55 kg         | 230×200×240 mm       |
| SG-7000VA  | 7 VA           | ≤1000V        | Custom         | 4.04A             | 50/60          | 60 kg         | 245×210×255 mm       |
| SG-8000VA  | 8 VA           | ≤1000V        | Custom         | 4.62A             | 50/60          | 70 kg         | 255×220×265 mm       |
| SG-10000VA | 10 VA          | ≤1000V        | Custom         | 5.77A             | 50/60          | 80 kg         | 280×240×290 mm       |
| SG-15KVA   | 15 VA          | ≤1000V        | Custom         | 8.66A             | 50/60          | 110 kg        | 315×270×320 mm       |
| SG-20KVA   | 20 VA          | ≤1000V        | Custom         | 11.55A            | 50/60          | 140 kg        | 350×300×350 mm       |
| SG-30KVA   | 30 VA          | ≤1000V        | Custom         | 17.32A            | 50/60          | 200 kg        | 400×340×390 mm       |
| SG-50KVA   | 50 VA          | ≤1000V        | Custom         | 28.87A            | 50/60          | 300 kg        | 450×380×450 mm       |
| SG-60KVA   | 60 VA          | ≤1000V        | Custom         | 34.64A            | 50/60          | 340 kg        | 470×395×470 mm       |
| SG-80KVA   | 80 VA          | ≤1000V        | Custom         | 46.19A            | 50/60          | 420 kg        | 510×430×510 mm       |
| SG-100KVA  | 100 VA         | ≤1000V        | Custom         | 57.74A            | 50/60          | 500 kg        | 550×460×550 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

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|----------|---------------------------------------------------------------------------------------------------------------|
| 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.*