

QDTB® TRANSFORMER

ZGS

Box-Type Substations

PRODUCT DATASHEET

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ZGS — Series Overview

The ZGS series represents American-type package substations, designed for pad-mounted installation with enhanced safety features.

Key Features

- Pad-mounted installation design
- Enhanced safety features
- Tamper-resistant construction
- Suitable for outdoor installation

Typical Applications

- Residential areas
- Commercial buildings
- Outdoor power distribution
- Pad-mounted installations

Model Number Breakdown

- Z — Package substation
- G — Isolation type
- S — American-type design

Model Specifications

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

Model	Transformer Capacity	HV Unit Voltage	LV Unit Voltage	Protection Level	Temp. Rise (K)	Standard	Weight (kg) †	Dimensions (L×W×H) †
ZGS-Z-10-100	100 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	1800 kg	1500×1200×1800 mm
ZGS-Z-10-167	167 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	2050 kg	1535×1310×1820 mm
ZGS-Z-10-250	250 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	2500 kg	1800×1400×2000 mm
ZGS-Z-10-333	333 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	3105 kg	2040×1500×2040 mm
ZGS-Z-10-500	500 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	4000 kg	2200×1600×2200 mm
ZGS-Z-10-667	667 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	4950 kg	2565×1845×2420 mm
ZGS-Z-10-833	833 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	5665 kg	2835×2035×2500 mm
ZGS-Z-10-1000	1000 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	6500 kg	3000×2200×2500 mm
ZGS-Z-10-1250	1250 kVA	12 kV	0.4 kV	IP54	65	GB/T 17467, IEEE C57, ANSI C57	7500 kg	3200×2400×2600 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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QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.