

QDTB® TRANSFORMER

ZSG

Three Phase Transformers

PRODUCT DATASHEET

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ZSG — Series Overview

The ZSG series three-phase rectifier transformers are designed for rectifier power supply systems, electroplating, and DC power applications.

Key Features

- Designed for rectifier circuits
- Low harmonic distortion
- High short-circuit withstand capability
- Multiple pulse configurations

Typical Applications

- Electroplating power supply
- DC motor drive systems
- Electrolysis processes
- Welding power supply

Model Number Breakdown

Z — Rectifier

S — Three-phase

G — Dry-type

Model Specifications

16 model(s) in the ZSG 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) †
ZSG-20	20 kVA	380V	220V	52.49A	50/60	140 kg	350×300×350 mm
ZSG-40	40 kVA	380V	220V	104.97A	50/60	250 kg	425×360×420 mm
ZSG-60	60 kVA	380V	220V	157.46A	50/60	340 kg	470×395×470 mm
ZSG-100	100 kVA	380V	220V	262.43A	50/60	500 kg	550×460×550 mm
ZSG-125	125 kVA	380V	220V	328.04A	50/60	605 kg	570×475×570 mm
ZSG-160	160 kVA	380V	220V	419.89A	50/60	750 kg	600×500×600 mm
ZSG-175	175 kVA	380V	220V	459.26A	50/60	805 kg	620×515×620 mm
ZSG-250	250 kVA	380V	220V	656.08A	50/60	1100 kg	700×580×700 mm
ZSG-400	400 kVA	380V	220V	1049.73A	50/60	1650 kg	795×655×795 mm
ZSG-500	500 kVA	380V	220V	1312.16A	50/60	2000 kg	850×700×850 mm
ZSG-600	600 kVA	380V	220V	1574.59A	50/60	2300 kg	890×735×900 mm
ZSG-750	750 kVA	380V	220V	1968.24A	50/60	2750 kg	950×790×975 mm
ZSG-800	800 kVA	380V	220V	2099.46A	50/60	2900 kg	970×810×1000 mm
ZSG-1600	1600 kVA	380V	220V	4198.91A	50/60	5100 kg	1190×970×1220 mm
ZSG-2000	2000 kVA	380V	220V	5248.64A	50/60	6165 kg	1285×1025×1300 mm
ZSG-2500	2500 kVA	380V	220V	6560.80A	50/60	7500 kg	1400×1100×1400 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.