

QDTB® TRANSFORMER

WJS

Voltage Regulators

PRODUCT DATASHEET

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

WJS — Series Overview

The WJS series contactless (thyristor/IGBT) voltage stabilizers regulate three-phase voltage without moving parts or carbon brushes, using solid-state semiconductor compensation for ultra-precise, wear-free regulation.

Key Features

- Contactless solid-state (thyristor/IGBT) regulation with no moving parts
- Microprocessor control with response time under one cycle
- Output accuracy $\pm 1\%$ with no waveform distortion
- Maintenance-free with no brush or servo wear
- Three-phase 380V input/output for precision loads

Typical Applications

- Precision manufacturing
- Semiconductor fabrication
- Telecommunications
- Medical imaging equipment

Model Number Breakdown

W — Voltage

J — Precision

S — Three-phase

Model Specifications

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

Model	Rated Capacity	Input Voltage	Output Voltage	Response Time	Efficiency	Weight (kg) †	Dimensions (L×W×H) †
WJS-0.5	0.5 kVA	160-250V	220V±3%	<40ms	>98%	10 kg	200×130×160 mm
WJS-1	1 kVA	160-250V	220V±3%	<40ms	>98%	10 kg	250×150×180 mm
WJS-2	2 kVA	160-250V	220V±3%	<40ms	>98%	20 kg	280×170×200 mm
WJS-3	3 kVA	160-250V	220V±3%	<40ms	>98%	25 kg	300×180×220 mm
WJS-5	5 kVA	160-250V	220V±3%	<40ms	>98%	40 kg	350×220×280 mm
WJS-6	6 kVA	160-250V	220V±3%	<40ms	>98%	45 kg	370×235×305 mm
WJS-8	8 kVA	160-250V	220V±3%	<40ms	>98%	60 kg	410×270×350 mm
WJS-10	10 kVA	160-250V	220V±3%	<40ms	>98%	70 kg	450×300×400 mm
WJS-15	15 kVA	160-250V	220V±3%	<40ms	>98%	95 kg	500×350×450 mm
WJS-20	20 kVA	160-250V	220V±3%	<40ms	>98%	120 kg	550×400×500 mm
WJS-30	30 kVA	160-250V	220V±3%	<40ms	>98%	170 kg	600×450×550 mm
WJS-50	50 kVA	160-250V	220V±3%	<40ms	>98%	260 kg	700×500×600 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	https://qdtb-transformer.com
Email	Alice@qdtb-transformer.com
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.