

QDTB® TRANSFORMER

SBW

Voltage Regulators

PRODUCT DATASHEET

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SBW — Series Overview

The SBW series three-phase automatic voltage regulators are high-capacity compensator type stabilizers for industrial three-phase power systems with wide input voltage range.

Key Features

- Three-phase 380V output
- Capacity 6kVA to 1200kVA
- Wide input voltage range $\pm 20\%$
- Compensator type with no waveform distortion

Typical Applications

- Industrial power systems
- Large commercial buildings
- Manufacturing plants
- Data centers

Model Number Breakdown

- S — Three-phase
- B — Compensator
- W — Voltage regulator

Model Specifications

17 model(s) in the SBW 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) †
SBW-30KVA	30 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	170 kg	600×450×550 mm
SBW-40KVA	40 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	215 kg	650×475×575 mm
SBW-50KVA	50 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	260 kg	700×500×600 mm
SBW-60KVA	60 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	295 kg	740×520×640 mm
SBW-80KVA	80 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	370 kg	800×560×700 mm
SBW-100KVA	100 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	450 kg	800×600×700 mm
SBW-120KVA	120 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	510 kg	840×620×740 mm
SBW-150KVA	150 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	600 kg	900×650×800 mm
SBW-180KVA	180 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	710 kg	960×680×830 mm
SBW-200KVA	200 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	780 kg	1000×700×850 mm
SBW-250KVA	250 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	940 kg	1050×725×900 mm
SBW-300KVA	300 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	1100 kg	1100×750×950 mm
SBW-400KVA	400 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	1400 kg	1150×800×1025 mm
SBW-500KVA	500 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	1700 kg	1200×850×1100 mm
SBW-600KVA	600 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	1960 kg	1260×880×1160 mm
SBW-800KVA	800 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	2480 kg	1380×940×1280 mm
SBW-1000KVA	1000 kVA	304-456V (3-phase)	380V ±3%	<1s	>95%	3000 kg	1500×1000×1400 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.