

QDTB® TRANSFORMER

SVC

Voltage Regulators

PRODUCT DATASHEET

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SVC — Series Overview

The SVC series three-phase high-precision voltage regulators provide stable 380V/220V output from a fluctuating three-phase input, with fast response and low waveform distortion for precision equipment and CNC machines.

Key Features

- High precision regulation $\pm 3\%$
- Fast response time $< 20\text{ms}$
- Waveform distortion free
- Over/under voltage protection

Typical Applications

- CNC machine tools
- Precision measuring equipment
- Printing machinery
- Textile equipment

Model Number Breakdown

S — Three-phase

V — Voltage

C — Controller/regulator

Model Specifications

7 model(s) in the SVC 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) †
SVC-6KVA	6 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	45 kg	370×235×305 mm
SVC-9KVA	9 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	65 kg	430×285×375 mm
SVC-15KVA	15 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	95 kg	500×350×450 mm
SVC-20KVA	20 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	120 kg	550×400×500 mm
SVC-30KVA	30 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	170 kg	600×450×550 mm
SVC-50KVA	50 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	260 kg	700×500×600 mm
SVC-60KVA	60 kVA	280-430V (3-phase 4-wire)	380V/220V ±3%	<1s	>90%	295 kg	740×520×640 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.