

QDTB® TRANSFORMER

SLVA

Low Voltage Switchgear

PRODUCT DATASHEET

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SLVA — Series Overview

The SLVA series PV grid-connection panels are specialized switchgear for solar power plant applications. Integrated with surge protection, isolation switches, and smart metering for reliable renewable energy grid connection and power quality management. Rated 380 V, IP30 enclosure (IP54/IP66 outdoor options available on request). Suitable for indoor substations, motor control centers (MCC), industrial plants, and building power distribution.

Key Features

- Dedicated PV grid-connection design
- Integrated surge protection for PV systems
- Smart metering and monitoring capability
- Isolation switch for safe maintenance

Typical Applications

- Solar power plant grid connection
- Photovoltaic system AC distribution
- Renewable energy power quality management
- Commercial rooftop solar installations

Model Number Breakdown

- S — Solar / Photovoltaic
- L — Low voltage
- V — PV system
- A — Application panel

Model Specifications

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

Model	Rated Working Voltage	Busbar Rated Current	Short-time Withstand (kA/1s)	Breaking Capacity	Protection Level	Enclosure Material	Standard	Weight (kg) †	Dimensions (L×W×H) †
SLVA/250	0.38 kV	250 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/250(60Hz)	0.38 kV	250 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/400	0.38 kV	400 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/400(60Hz)	0.38 kV	400 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/630	0.38 kV	630 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/630(60Hz)	0.38 kV	630 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/800	0.38 kV	800 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 mm
SLVA/800(60Hz)	0.38 kV	800 A	30 kA	30 kA	IP40	Cold-rolled steel	GB/T 15576, IEC 60439	250 kg	600×600×2000 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.