

QDTB® TRANSFORMER

SM6

Ring Main Units (RMU)

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
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SM6 — Series Overview

The SM6 series SF6 ring main units feature sealed SF6 gas insulation tanks for maintenance-free operation in urban power distribution networks. Modular design with load break switch and fuse or vacuum circuit breaker protection options.

Key Features

- Sealed SF6 gas tank for maintenance-free operation
- Compact modular design for space-constrained installations
- Load break switch with fuse or VCB protection modules
- Suitable for 12kV and 24kV distribution networks

Typical Applications

- Urban ring main distribution networks
- Commercial building power supply
- Industrial park distribution
- Underground cable network nodes

Model Number Breakdown

S — Schneider (original design reference)

M — Medium voltage

6 — Product series generation

Model Specifications

2 model(s) in the SM6 series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Voltage	Rated Current	Max. Fuse Rating	Short-time Withstand (kA/3s)	Protection Level	Standard	Weight (kg) †	Dimensions (L×W×H) †
SM6-12	12 kV	630 A	63 A	20 kA	IP54	GB3906, IEC 62271-200	700 kg	1000×800×1800 mm
SM6-24	24 kV	630 A	100 A	20 kA	IP54	GB3906, IEC 62271-200	700 kg	1000×800×1800 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.