

Built around your project requirements.

Transformers. Substations.
Switchgear. Power cables.



TRANSFORM



INTEGRATE



DISTRIBUTE



CONNECT

PRODUCT RANGE & PROJECT GUIDE

Product-range and project-planning guide. Final model, ratings, drawings, test evidence and commercial terms are confirmed for each proposal.

Edition 2026.10 | English

Distribution transformers

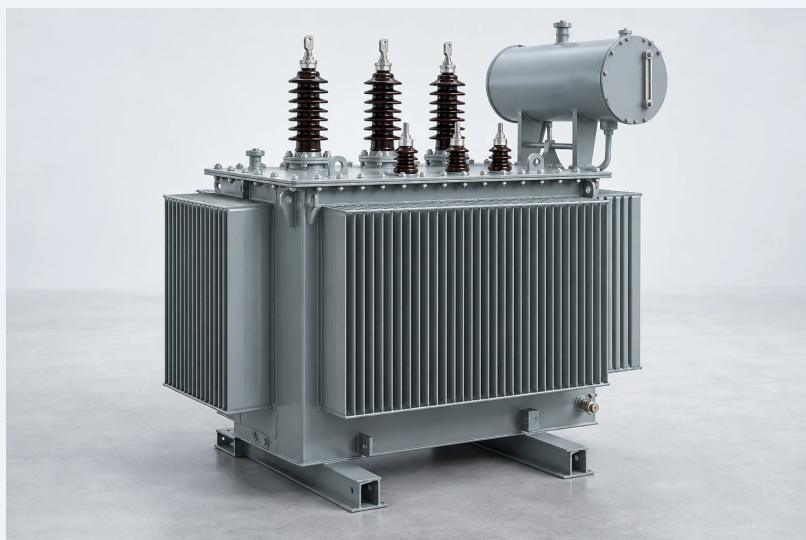


Illustration - not a specific offered model

Oil-immersed and dry-type transformer enquiries for utility distribution, industrial facilities and building projects. Start with the network conditions and required duty, then compare the proposed design and its supporting documents.

Oil-immersed

Hermetic or conservator configuration; specify the required insulating liquid and accessories.

Dry type

Cast-resin enquiries with enclosure, ventilation and temperature-monitoring requirements.

Pole-mounted

Single- or three-phase enquiries with mounting arrangement and utility requirements.

START WITH THE SPECIFICATION

Use the matching enquiry sheet to capture electrical duty, installation conditions and required documentation. Final configurations are confirmed in the project-specific offer.

Compact substations



Illustration - not a specific offered model

Package and prefabricated substation enquiries that bring together medium-voltage switching, a transformer and low-voltage distribution. Define the complete arrangement, interfaces and installation conditions before selecting an enclosure.

Package / kiosk

Externally operated arrangement with the equipment compartments defined in the layout.

Walk-in prefabricated

Equipment room layout with access, ventilation, auxiliaries and transport limits.

Project configuration

Equipment selection follows the single-line diagram and the customer's technical schedule.

START WITH THE SPECIFICATION

Use the matching enquiry sheet to capture electrical duty, installation conditions and required documentation. Final configurations are confirmed in the project-specific offer.

MV / LV switchgear



Illustration - not a specific offered model

Ring main units, medium-voltage panels and low-voltage assemblies for distribution schemes. The panel schedule, fault duty and protection requirements are the starting point for a meaningful technical comparison.

Ring main units

Cable, switch and protection functions arranged to the required network scheme.

MV panels

Incoming, outgoing, bus-coupler and metering panels to the project schedule.

LV assemblies

Main distribution, sub-distribution and motor-control enquiries.

START WITH THE SPECIFICATION

Use the matching enquiry sheet to capture electrical duty, installation conditions and required documentation. Final configurations are confirmed in the project-specific offer.

Power cables & conductors



Illustration - not a specific offered model

Low- and medium-voltage power cable enquiries, plus overhead conductors. State the complete construction and installation conditions so that electrical, mechanical and delivery requirements can be checked together.

MV power cables

Conductor, insulation, screen, armour and sheath specified as a complete construction.

LV power cables

Core count, conductor size, insulation and installation requirements.

Overhead conductors

Conductor type and cross-section with mechanical and network requirements.

START WITH THE SPECIFICATION

Use the matching enquiry sheet to capture electrical duty, installation conditions and required documentation. Final configurations are confirmed in the project-specific offer.

A better enquiry starts here.

A technical specification and site context make offers easier to compare.

Distribution transformers

Rated power (kVA), quantity, phases and frequency (Hz). • Primary / secondary voltage, highest voltage for equipment and insulation requirements. • Vector group, tapping range, cooling and winding material preference.

Compact substations

Single-line diagram, transformer rating and voltage levels. • Circuit arrangement, feeder count, protection, metering and control requirements. • Incomer, outgoing circuits, current ratings and protection requirements.

MV / LV switchgear

Rated voltage, frequency, busbar current and short-circuit duty with duration. • Single-line diagram, panel functions, feeder count and future extensions. • Relay / breaker preferences, protection philosophy and control voltage.

Power cables & conductors

Rated voltage designation U0/U(Um), frequency and system requirements. • Conductor material, cross-section, core count, insulation, screen and sheath. • Buried / duct / tray / overhead, loading basis and environmental conditions.

Use the editable enquiry sheets

Four fillable PDF sheets accompany this guide. Keep unknown values marked for engineering review; do not infer them from a product illustration.

Documents that matter.

Match every technical statement to the offered model and its evidence.

01 Technical schedule

Confirm the model, ratings, options and deviations against your enquiry. Retain the approved drawing and bill of equipment.

02 Tests and verification

Request relevant design / type-test evidence and routine-test records. Check the issuing body, report scope, model, date and applicable standard.

03 Commercial scope

Agree quantity, currency, price basis, destination, freight scope, validity, payment, lead time, warranty and exclusions in writing.

04 Delivery information

Confirm dimensions, mass, packing, lifting, shipping documents and the inspection / release arrangements for the actual order.

Standards are project requirements

A standard listed in an enquiry is not a certificate or a claim that all products comply. The proposed design and supporting evidence must be checked against the agreed specification.

An independent power-equipment brand.

Trafovia is operated by Yunnan Maodian Intelligent Co., Ltd. The brand focuses on distribution equipment for utility, infrastructure, industrial and commercial applications.

We are developing the Trafovia range with manufacturing partners, with attention to technical specification review, OEM arrangements and project documentation.

Our market focus is East Africa, the Middle East and Southeast Asia. Product selection and commercial commitments are confirmed for the relevant project.

FROM ENQUIRY TO A REVIEWABLE OFFER

1 Define

Send the specification, quantity and delivery context.

2 Review

Compare the proposed design, documents and deviations.

3 Confirm

Agree technical and commercial scope before an order.

Illustrations in this guide describe product categories. They are not photographs of Trafovia factories, delivered projects or confirmed product models.

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