Oil-Type Distribution Transformers

Hermetically sealed, high-efficiency distribution transformers

High-efficiency, hermetically sealed distribution transformers for grid infrastructure, utilities and industrial connections across Europe. Many ratings are available ex-stock from our Emmen warehouse for the fastest possible delivery.

TECHNICAL SPECIFICATION

Standard parameters

Rated power	**25 – 4,000 kVA**
Primary voltage	**Up to 36 kV**
Secondary voltage	**400 / 420 V (configurable)**
Frequency	**50 Hz**
Vector group	**Dyn11 (others on request)**
Cooling	**ONAN / ONAF**
Impedance (uk)	**4 – 6 % (typical)**
Tap changer	**Off-circuit ±2 × 2.5 %**
Insulation fluid	**Mineral oil or ester (K-class)**
Standards	**IEC 60076 · EU EcoDesign Tier 2**

CAPABILITIES

Why choose this range

- Hermetically sealed and maintenance-free — no oil monitoring or top-ups over decades of outdoor service.
- Low no-load and load losses, fully compliant with EU EcoDesign Tier 2.
- Many standard ratings held ex-stock in Emmen for delivery in days, not months.
- Ester (K-class) fluid option for fire-safe and environmentally sensitive sites.
- Every unit ships with a full IEC 60076 routine test report.
- Up to 5-year warranty with EU-wide 24/7 service support.

Values are typical standard configurations. Final ratings, losses and impedance are engineered to your specification and confirmed in your order. Every unit ships with a full IEC 60076 test report.