Cast Resin Transformers

Maintenance-free, fire-safe dry-type transformers

Dry-type cast resin transformers for fire-safe indoor and outdoor use — hospitals, data centres, tunnels, offshore platforms, BESS and solar. No oil means no leaks and no soil or groundwater contamination risk.

TECHNICAL SPECIFICATION

Standard parameters

Rated power	**100 – 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	**AN / AF (forced air)**
Impedance (uk)	**6 % (typical)**
Enclosure	**IP00 – IP31 (to specification)**
Climate / environment / fire	**C2 · E2 · F1**
Standards	**IEC 60076-11 · EU EcoDesign Tier 2**

CAPABILITIES

Why choose this range

- No oil — no leaks, no bunding, and no contamination risk for sensitive sites.
- F1 fire behaviour class — the safest choice for public and occupied buildings.
- Low noise and low maintenance; routine visual inspection is typically all that is needed.
- Service life of 25 – 40 years for a low total cost of ownership.
- Harmonic- and cyclic-load tolerant — ready for BESS and solar inverter duty.
- Available with IP-rated protective enclosures for complete outdoor solutions.

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.