

Shell Type Power Transformers

Overview

Efacec is a leading manufacturer of Shell Type Power Transformers with more than 60 years of experience.

The outstanding in-service failure rate assures high reliability during the Efacec's Shell Type Power Transformer life cycle.

Efacec holds ISO9001, ISO14001 & ISO45001 certifications, ensuring customer full satisfaction with High reliability.

Key benefits

- Design versatility to meet the most challenging operation requirements:
 - Compliance with complex short-circuit impedances;
 - Multi-voltage transformers as emergency units for substations with different voltage levels.
- Replacement of transformers with restrictive existing foot-print foundations.
- Higher design flexibility in operation either in vertical or horizontal position.
- Shipping solutions overcoming logistic difficulties, such as, dissociated phases design and horizontal shipping configuration.

Dissociated Phases Design

Dissociated phases design allows the phases to be shipped separately and assembled as a three-phase transformer at site, requiring only one single-phase spare unit.



Our references

Efacec supplied almost 700 Shell Type Power Transformers for around 100 customers over 20 countries within a product range up to 550kV 1200MVA.



Three-Phase Autotransformer
1200MVA , 400kV (UK – Scotland)



Three-phase GSU Transformer
528MVA, 410kV (Portugal)



Three-phase GSU Transformer
508MVA, 416kV (Portugal)



Three-Phase Autotransformer
450MVA, 400kV (Portugal)



Three-Phase Autotransformer
760MVA, 230kV + 750MVA, 525kV (USA)



Three-Phase Transformer
170MVA, 400kV (Portugal)

Customer Support

Efacec has a dedicated customer support from order placement throughout the life of the transformer and expert service teams to support ongoing maintenance and repairs.

Efacec Energia, Máquinas e Equipamentos Eléctricos, S.A.
Transformers Business Unit

Parque empresarial Arrouteia (Poente), Apartado 1018, • 4466-952 S. Mamede de Infesta • Portugal
Ph. +351 229 562 300 • F. +351 229 562 880 • sales_trf@efacec.com