

35kV Oil-Immersed Power Transformer

This 35kV oil-immersed power transformer is designed for electric power transmission and distribution. It utilizes oil immersion for cooling and insulation, ensuring reliable and efficient voltage transformation.



ADDITIONAL IMAGES



Product Overview



High-Efficiency 35kV Power Transformer

This 35kV oil-immersed power transformer is engineered for reliable voltage transformation in power transmission and distribution networks. Featuring robust construction with advanced cooling systems, it ensures stable performance under varying load conditions. The unit is designed to meet stringent industry standards for electrical safety and long-term durability in demanding industrial and utility environments.

Service Conditions

Operating Conditions

- Maximum ambient temperature: +40°C
- Minimum ambient temperature (outdoor): -25°C
- Minimum ambient temperature (special case): -45°C
- Maximum daily average temperature: +30°C
- Maximum annual average temperature: +20°C
- Altitude: Up to 1000m

Technical Specifications



Performance Metrics

Rated Capacity (kVA)	No-load Loss (kW)	Load Loss (kW)	Short-circuit Impedance (%)
2000	2.88	20.25	6.5
2500	3.40	21.73	6.5
3150	4.04	26.01	7.0

Design Features

3-Phase, Duplex Winding, On-load Tap-changing, Oil-Immersed, Yd11 Vector Group