

Oil-Immersed Power Transformer

This oil-immersed transformer offers high short-circuit resistance and fine mechanical performance. It also features low power consumption, low partial-discharge, and low noise operation.



Overview

High-Performance Oil-Immersed Transformer

This oil-immersed power transformer is designed for high-voltage power distribution, offering exceptional short-circuit resistance and mechanical durability. Engineered for efficiency, it features low power consumption, minimal partial discharge, and reduced noise levels. The unit is built for reliability, requiring no maintenance and eliminating leakage issues through advanced design and rigorous quality control standards.

Key Features

Performance Highlights

High Short-Circuit Resistance, Low Power Consumption, Low Partial-Discharge, Low Noise, Maintenance-Free

Engineering & Design

Design Methodology

- Advanced electromagnetic heat and mechanical power computing software
- Simulation design using 3D dynamic models
- Rational insulation structure and wire specification
- Magnetic shielding for oil tanks
- Multistage step lapped joint fully-oblique structure

Manufacturing Standards

Quality & Compliance

ISO 9001 Certified • ERP Managed • PDM Managed

Manufacturing Processes

Process Area	Technique Applied
Iron Core	Automatic cutting with high precision
Coil Winding	Numerical control tension device
Drying	Full automatic control gas-kerosene drying
Assembly	Integral preassemble for wire leads