

Oil-Immersed Power Transformer

Oil-immersed transformers are composed of an iron core, coil, clamp, oil tank, and other components. They are small and light, with low loss, low temperature rise, low noise and a strong ability to withstand sudden short circuits.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Power Transformation

This oil-immersed transformer is engineered for critical roles in power transmission and transformation systems. By integrating advanced technology with specialized manufacturing processes, the unit achieves a 'three low and one strong' design profile: low loss, low temperature rise, low noise, and high resistance to sudden short-circuit events. It is a robust solution designed to ensure stable and efficient power delivery across demanding industrial and utility environments.

Technical Features

Core Components

- Iron core
- Coil winding
- Clamp system
- Oil tank
- Insulating bushing
- Tap switch
- Gas relay

Key Advantages

Low Loss, Low Temperature Rise, Low Noise, Short-Circuit Resistant

Applications

Common Applications

Rural Distribution • Urban Power Grid • Industrial & Mining • Thermal Power • Hydropower • Rail Infrastructure • Petrochemical

Performance Metrics

Performance Highlights

1 High

Short Circuit Resistance

1 Low

Noise Level

1 Low

Energy Loss