

Oil-Immersed Power Transformer

This high-voltage, oil-immersed transformer is designed for electrical power transmission and distribution. It features cooling fins for efficient heat dissipation and is suitable for industrial and utility applications requiring reliable voltage transformation.



Product Overview

High-Efficiency Power Transformation

These 33kV oil-immersed power transformers are engineered for reliable performance in electrical power transmission and distribution networks. Built in strict conformity with international IEC60076 and national GB standards, they offer versatile voltage regulation capabilities to ensure grid stability. The design incorporates advanced folded plate oil tank structures for units above 10MVA, enhancing mechanical strength while optimizing thermal efficiency.

Technical Standards

Series Models

S9 • S11 • S13

Compliance Standards

IEC60076, GB1094, GB/T6451

Operational Specifications

Voltage Regulation Ranges

- $35 \pm 2 \times 2.5\%$ kV
- $38.5 \pm 2 \times 2.5\%$ kV
- $35 \pm 3 \times 2.5\%$ kV
- $38.5 \pm 3 \times 2.5\%$ kV

Regulation Methods

Manual, Electrical, Automatic

Design & Construction

Tank Design (>10MVA)

Folded plate structure for increased mechanical strength and reduced welding joints

Cooling Mechanism

Integrated cooling fins for efficient heat dissipation