

500kV Power Transformer

This high-voltage power transformer is designed for 500kV class applications. It features robust construction, advanced insulation, and an efficient cooling system.



Product Overview

High-Efficiency 500kV Power Solution

This 500kV class power transformer is engineered for large-scale power transmission and distribution networks. Through advanced materials and structural optimizations, it offers a compact footprint and reduced weight while maintaining high operational efficiency. Designed to minimize network losses and operating costs, it ensures reliable performance with low noise levels for critical infrastructure.

Technical Highlights

Performance Metrics

500 kV

Voltage Class

Operational Benefits

High Efficiency • Low Loss • Low Noise • Reliable Operation

Design & Construction

Physical Design

- Small size for space optimization
- Lightweight construction
- Robust structural design
- Advanced insulation system

Components & Systems

Integrated Systems

High-voltage bushings, Tap changers, Monitoring systems, Cooling system, Protection systems

Applications

Primary Applications

Large-scale power transmission and distribution networks