

# 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