

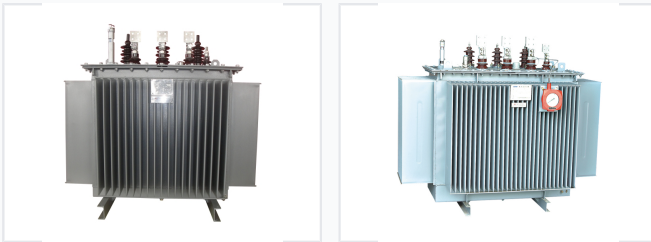
# Oil-Immersed Distribution Transformer

## 10-20kV

This oil-immersed distribution transformer is designed for efficient voltage transformation in power systems. It features a duplex-winding configuration and non-excitation voltage control for applications in the 10-20kV range.



### ADDITIONAL IMAGES



### Product Overview

#### High-Efficiency Oil-Immersed Distribution

The S11-M series is a fully-sealed, oil-immersed distribution transformer designed for reliable performance in 10-20kV power systems. Featuring cold-rolled silicon steel core construction and a concentric winding design, it delivers excellent magnetic permeability and energy efficiency. Its corrugated tank design provides both cooling and flexible volume compensation, eliminating the need for an oil storage cabinet and reducing the unit's overall height.

### Technical Specifications

#### Key Performance Metrics

**50 kVA**

Rated Capacity

**5.5 %**

Short-Circuit Impedance

**40 °C**

Max Ambient Temp

#### Specifications Table

Capacity (kVA)	Connection	Total Weight (kg)
30	Dyn11	640
50	Dyn11	720
63	Dyn11	760

#### Construction Details

Fully Sealed, Cold-Rolled Silicon Steel, Corrugated Tank, Duplex-Winding, Non-Excitation Control

## Operating Conditions

### Operating Environment

- Altitude: d 1000m
- Ambient Temperature: -40°C to +40°C
- Suitable for industrial applications including metallurgy, chemical, and textile sectors
- Designed for dusty environments