

# Single-Phase Oil-Immersed Distribution Transformer

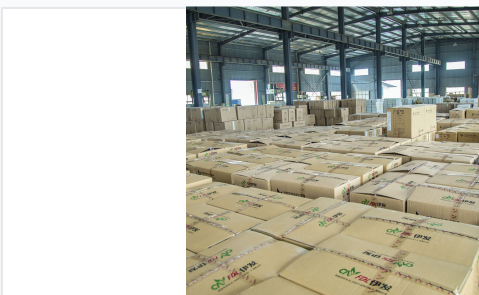
These single-phase oil-filled pole-mounted distribution transformers are designed for decentralization in residential overhead distribution networks. They are also suitable for light and diversified power applications.



## ADDITIONAL IMAGES



## Product Overview



The transformer is delivered in robust, clearly labeled packaging for safe and secure logistics.

It is especially suitable for small dry secondary distribution power stations, box-type substations, open and closed substations, industrial and mining enterprises, urban residential areas, airports, hospitals, railways, tunnels, high-rise buildings and other power systems.



Suitable for various infrastructure applications including urban residential areas, industrial sites, airports, and commercial buildings.

## Application and Reliability

This single-phase oil-immersed distribution transformer is engineered for reliable voltage step-down in residential, commercial, and industrial power distribution networks. Designed for pole-mounted installation, it ensures efficient thermal management and stable performance under varying load conditions. It adheres to international quality standards, providing a dependable solution for modern electrical power transmission systems.

## Standards and Compliance

### Certifications & Standards

ANSI C57.12.00, ANSI C57.12.20, IEC76, GB10138

## Technical Specifications



A close-up view of the robust construction and high-quality bushings designed for reliable outdoor operation.

### Core Material Options

- C.R.G.O (Cold Rolled Grain Oriented) Core
- Amorphous Metal Core

### Transformer Variants

- Conventional
- Complete Self-Protecting

## Performance Data

### Technical Parameters Table

Capacity (kVA)	HV (kV)	LV (kV)	No-Load Loss (kW)	Weight (kg)
10	10	0.23	0.50	210
20	10	0.23	0.70	270
30	10	0.23	0.85	300
50	10	0.23	0.14	350

### Short-circuit Impedance Voltage

**3.5 %**  
Impedance