

# Rectifier Transformer for DC Power Conversion

This rectifier transformer efficiently converts AC power from the network to DC power for industrial applications. It is suitable for use in electrolysis, electrochemical processes, transmission, and frequency conversion systems.



## Product Overview

### Industrial DC Power Conversion

The ZS series rectifier transformer is engineered for power supply to rectifying devices, facilitating critical industrial applications such as electrolysis, electrochemical processing, and traction systems. Available in dry-type (ZSG, ZSC) and oil-immersed (ZSF) models, it provides high-efficiency transformation from AC networks. These units are built for robust performance, offering low noise, low loss, and reliable operation in demanding electrical environments.

## Key Features

### Performance Advantages

Low Loss, Low Noise, High Efficiency, Low Partial Discharge, Short-Circuit Withstand Ability, Easy Maintenance, Leakage-Free

## Technical Specifications

### Capacity Range

**30 kVA**

Minimum Capacity

**9500 kVA**

Maximum Capacity

### Available Models

- ZSG (Dry-type)
- ZSC (Dry-type)
- ZSF (Split oil immersed)

## Technical Data Table

### Reference Technical Parameters

Model	Rated Capacity (kVA)	Gross Weight (kg)
ZS-30/6.3	30	300
ZS-500/10	500	1940
ZS-2500/10	2500	5170
ZS-9500/10	9500	22870