

Three-Phase Oil-Immersed Power Transformer

This three-phase oil-immersed transformer is designed for 35KV, 50HZ transmission and distribution systems. It features a compact design, new materials and technology for noise reduction, and a bolted or welded structure to reduce insulation aging.



ADDITIONAL IMAGES



Product Overview

SZ11 Series Power Transformer

The SZ11 series is a high-performance, three-phase oil-immersed power transformer designed for 35kV transmission and distribution systems. Engineered for reliability in industrial, mining, and rural applications, it features a compact design with advanced materials to minimize noise and improve efficiency. The unit utilizes a fully sealed structure to prevent oil-air contact, significantly reducing insulation aging and extending service life.

Technical Specifications

Rated Capacity	2000 - 20000 kVA
Voltage Ratio	35/10 kV
Frequency	50 Hz
Cooling Method	ONAN
Phase	Three

Construction

Iron Core Material	High-quality cold-rolled silicon steel sheet
Winding Structure	Duplex winding
Design Features	Compact Design, Noise Reducing, Anti-Displacement, Full Sealed

Operating Environment

Ambient Temperature Range	-25°C to 40°C
Maximum Altitude	1000 m

Standard Models

Standard Model Parameters

Model	Capacity (kVA)	Impedance (%)	Gross Weight (kg)
SZ11-2000/35	2000	6.5	5900
SZ11-5000/35	5000	7	10800
SZ11-10000/35	10000	7.5	16600
SZ11-20000/35	20000	8	24500