



Oil-Immersed Transformer

35kV Oil-Immersed Power Transformer

Medium-power oil-immersed transformer for 35kV substations, large industrial plants, mining and infrastructure projects. Available from 800 up to 16,000 kVA, with off-circuit or on-load (SFZ) tap changing and low-loss S9 core design.

TECHNICAL SPECIFICATIONS

Model	S9 / SFZ9 (on-load tap changing)
HV Voltage	35kV (38.5kV) ±2×2.5%
LV Voltage	10 / 6.3 / 0.4 kV
Capacity	800 – 16,000 kVA
Connection	Yd11 / YNd11
Impedance (Uk)	6.5% – 8.0%
Cooling	ONAN / ONAF
Core	Cold-rolled grain-oriented silicon steel
Standards	GB 1094 / GB/T 6451 / IEC 60076

KEY FEATURES

- ▶ Rated for 35kV substations, large industrial plants and mining sites.
- ▶ On-load voltage regulation (SFZ) available for stable supply.
- ▶ Available for 50Hz and 60Hz global markets.
- ▶ Total losses typically 15–25% below the national standard.
- ▶ Copper windings, low partial discharge insulation structure.
- ▶ Reliable short-circuit withstand capability, tested to GB/IEC.