

11kV Three-Phase Oil-Immersed Transformer

This three-phase transformer is oil-immersed for enhanced insulation and cooling. It features on-load tap changing for voltage regulation without power interruption.

額定容量 (kVA)	額定電壓 (kV)	額定電流 (A)	阻抗電壓 (%)	空載損耗 (W)	負載損耗 (W)	重量 (kg)	外形尺寸 (mm)	額定油重 (kg)
30	10	163.3	4.5	150	750	340	1700×700×650	900±700±1000
50	10	109.8	4.5	220	950	440	1800×700×660	1020±700±1050
75	10	86.4	4.5	300	1150	540	1900×700×670	1140±700±1100
100	10	64.8	4.5	400	1350	640	2000×700×680	1260±700±1150
150	10	43.2	4.5	500	1550	740	2100×700×690	1380±700±1200
200	10	32.4	4.5	600	1750	840	2200×700×700	1500±700±1250
300	10	21.6	4.5	800	1950	940	2300×700×710	1620±700±1300
400	10	16.2	4.5	1000	2150	1040	2400×700×720	1740±700±1350
500	10	12.96	4.5	1200	2350	1140	2500×700×730	1860±700±1400
600	10	10.8	4.5	1400	2550	1240	2600×700×740	1980±700±1450
800	10	8.1	4.5	1800	2950	1440	2800×700×760	2160±700±1550
1000	10	6.48	4.5	2200	3350	1640	3000×700×780	2340±700±1650
1500	10	4.32	4.5	3000	4150	2040	3200×700×800	2520±700±1750
2000	10	3.24	4.5	4000	4950	2440	3400×700×820	2700±700±1850
3000	10	2.16	4.5	5500	6350	3040	3600×700×840	2880±700±1950
4000	10	1.62	4.5	7000	7750	3640	3800×700×860	3060±700±2050
5000	10	1.296	4.5	8500	9150	4240	4000×700×880	3240±700±2150
6000	10	1.08	4.5	10000	10550	4840	4200×700×900	3420±700±2250
8000	10	0.81	4.5	13000	13550	5840	4400×700×920	3600±700±2350
10000	10	0.648	4.5	16000	16550	6840	4600×700×940	3780±700±2450

ADDITIONAL IMAGES



Product Overview

High-Efficiency 11kV Oil-Immersed Transformer

This three-phase oil-immersed transformer is engineered for reliable power distribution in industrial and utility applications. It features excellent overload capacity and short-circuit withstand capability, ensuring stable performance under demanding conditions. Designed for longevity, the unit incorporates efficient heat dissipation and low-noise operation to meet modern infrastructure requirements.

Core Performance

Key Performance Advantages

- Excellent overload capacity
- High short-circuit withstand capacity
- Low operational losses
- Low noise emissions
- Efficient heat dissipation
- Long service lifespan

Electrical Specifications

Voltage Ratings

11 kV High Voltage (HV)	0.4 kV Low Voltage (LV)	4.5 % Impedance Voltage
-----------------------------------	-----------------------------------	-----------------------------------

Vector Group Symbols: Dyn11, Yzn11, Yyn0

HV Tap Range: ±5% or ±2×2.5%

Operating Conditions

Average Temperature Limits

- Hottest monthly average: +30°C
- Hottest yearly average: +20°C

Installation Standards

- Altitude: Below 1000m above sea level
- Power supply wave: Similar to sine wave
- Phase symmetry: Approximately symmetrical three-phase voltage
- Environment: Installation without evidence of filth

Ambient Air Temperature

-25°C to +40°C

Technical Data Table

Capacity and Loss Data

Rated Capacity (kVA)	No-load Loss (kW)	Load Loss (kW)	Total Weight (kg)
30	0.1	0.63/0.60	730
100	0.2	1.58/1.50	660
500	0.68	5.41/5.15	1710
1000	1.15	10.30	3680
2500	2.31	20.70	5440

Physical Construction

Cooling Method

Oil-Immersed • Cooling Fins

Enclosure Options

Omniseal, Un-omniseal