

Oil Type TRANSFORMER.

The Ecotrafo premium oil type transformer is designed and built to meet the highest standards of quality, reliability and safety.

Our transformer is filled with high-grade insulating oil (with option to fill with FR3® fluid) that provides superior cooling properties and excellent insulation characteristic. The oil is carefully selected to meet the specific requirements of the transformer and is tested to ensure it meets or exceed all relevant industry standards.

FR3® FLUID ADVANTAGES

<p>Safer (Higher flashpoint than conventional mineral oil)</p>	<p>Lower maintenance</p>	<p>Improve cooling (better heat transfer properties)</p>
<p>Improve performance (higher dielectric strength)</p>	<p>Longer lifespan</p>	<p>Biodegradable (lower environmental impact)</p>



OIL TYPE TRANSFORMER SPECIFICATION

***Larger capacity & other special feature are available upon request

Rating (kVA)	Voltage			Vector Group	No-load Current %	No-load Loss (W)	Full-load Loss (W)	Short Circuit Impedance (%)	Weight (kg)		Dimension		
	HV (kV)	HV Tapping Range	LV (kV)						Total Weight	Oil Weight	Length (mm)	Width (mm)	Height (mm)
250	33	±2 x 2.5%	0.4	Dyn11	1.40	400	3760	6.5	1480	435	1220	1120	1990
500					1.20	680	6580		2695	780	2170	1370	2410
750					1.00	980	9400		3000	740	2275	1280	2410
1000					1.00	1150	11540		4600	1237	2000	1620	2645
1250					0.90	1410	13930		3830	950	2330	1470	2503
1500					0.80	1700	16670		5300	1240	2450	1500	2550
2000					0.70	2170	18390		6150	1195	2635	2050	2735
2500					0.60	2560	19660		7155	1285	2640	2300	2780
3000				0.56	3040	23080	8860	1355	2650	2520	2830		
4000				0.56	3620	27360	10220	1490	3150	2580	3290		
5000				0.48	4320	31380	11400	1409	3250	2610	3375		
6300				0.48	5250	35050	13565	1685	3520	2820	3470		
8000				0.42	7200	34480	15900	3200	3950	2390	3200		

33kV model

Rating (kVA)	Voltage			Vector Group	No-load Current %	No-load Loss (W)	Full-load Loss (W)	Short Circuit Impedance (%)	Weight (kg)		Dimension		
	HV (kV)	HV Tapping Range	LV (kV)						Total Weight	Oil Weight	Length (mm)	Width (mm)	Height (mm)
250	22	±2 x 2.5%	0.4	Dyn11	1.2	400	3350	5.5	1240	350	1360	985	1440
500					1.0	680	5660		1900	480	1600	1130	1630
750					0.8	980	8250		2800	650	1875	1320	1760
1000					0.7	1150	11330		3150	780	1960	1400	1830
1250					0.7	1350	13200		4590	850	2020	1560	1920
1600					0.6	1630	15950		4450	965	2140	1620	2050
2000				0.6	1950	19140	5300	1125	2230	1680	2230		
2500				0.5	2340	22200	6550	1380	2340	1720	2480		

22kV model

Rating (kVA)	Voltage			Vector Group	No-load Current %	No-load Loss (W)	Full-load Loss (W)	Short Circuit Impedance (%)	Weight (kg)		Dimension		
	HV (kV)	HV Tapping Range	LV (kV)						Total Weight	Oil Weight	Length (mm)	Width (mm)	Height (mm)
250	6.6	±2 x 2.5%	0.4	Dyn11	1.2	400	3050	4.0	930	145	1150	760	1220
500					1.0	680	5150		1580	210	1390	900	1390
750					0.8	980	7500		2330	365	1540	1040	1540
1000					0.7	1150	10300		2625	420	1720	1190	1625
1250					0.6	1360	12000		3150	490	1775	1230	1720
1600					0.6	1640	14500		3720	555	1850	1260	1780
2000				0.6	1940	19800	4660	850	2200	2100	2150		
2500				0.5	2290	23000	5500	990	2340	2220	2210		
3150				0.5	2730	27000	7010	1260	2400	2300	2330		
4000				0.5	3260	32000	8660	1550	2530	2240	2600		

11kV model