



1000kVA Transformers

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As a core product of Henan GNEE ELECTRIC CO., LTD., the GNEE 1000 kVA Transformer is a high-performance power transformation device engineered to deliver stable, efficient, and reliable voltage conversion for medium to large-scale industrial, commercial, and infrastructure projects.

With over 18 years of manufacturing experience, GNEE specializes in customizing reliable and high-efficiency transformer solutions ranging from 30 kVA to 2500 kVA, and the 1000 kVA model stands out as a flagship product, widely recognized for its energy-saving performance, strong durability, and wide adaptability across global markets.

Available in two main types — oil-immersed and dry-type cast resin — the GNEE 1000 kVA Transformer is designed to meet diverse application needs, whether for outdoor industrial sites or indoor fire-sensitive environments.

It strictly complies with international standards such as IEC 60076, ANSI/IEEE C57.12.01, and Chinese national standard GB 1094, ensuring consistent performance and interoperability with global power systems.



Product Parameters

Rated Capacity	1000kVA
High Voltage	35kV
Low Voltage	0.4kV
Impedance Voltage	6.5%
No-load Loss	1.15W
Load Loss	11.5 kW
No-load Current	0.65%
Frequency	50/60Hz
Connection Method	Yyn0/Dyn11
Material	aluminum/copper
Size	1750x1160x1750mm
Weight	2700kg

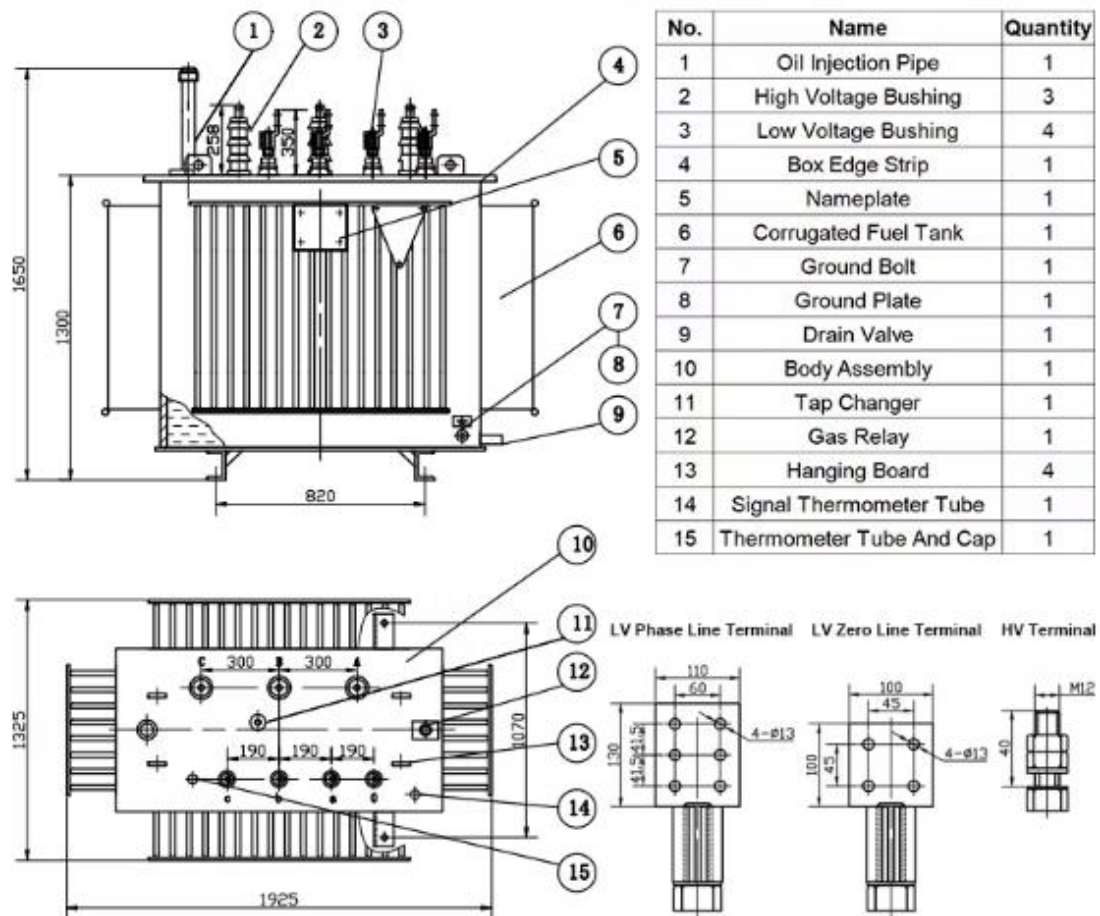


MODEL DESCRIPTION

S (Z) 11 - M /

- Voltage level (KV)
- Rated capacity (KVA)
- Fully sealed
- Performance level
- On-load voltage regulation
- Three-phase oil immersion

Model	Rated Capacity (KVA)	Rated Voltage (KV)		Connection Method	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Short Circuit Impedance (%)	Weight (KG)			Size (MM)			Track Gauge (MM)
		High Voltage	Low Voltage						Oil Weight	Body Weight	Total Weight	Length	Width	Height	
S11-M-30	30	11 10.5 10 6.3 6 voltage regulation range ±5% or ±2×2.5%	0.4	Yyn0 Dyn11	100	630/600	1.5	4	90	200	400	1050	660	1140	400×400
S11-M-50	50				130	910/870	1.3		100	220	460	1070	710	1180	
S11-M-63	63				150	1090/1040	1.2		110	250	500	1110	720	1190	
S11-M-80	80				180	1310/1250	1.2		115	290	550	1120	730	1200	
S11-M-100	100				200	1580/1500	1.1		120	350	620	1140	740	1220	550×550
S11-M-125	125				240	1890/1800	1.1		145	390	700	1180	760	1280	
S11-M-160	160				280	2310/2200	1		175	460	830	1210	780	1280	
S11-M-200	200				340	2730/2600	1		190	520	910	1240	780	1360	
S11-M-250	250				400	3200/3050	0.9		200	610	1000	1280	800	1380	
S11-M-315	315				480	3830/3650	0.9		220	730	1190	1330	860	1390	660×660
S11-M-400	400				570	4520/4300	0.8	260	900	1430	1360	860	1440		
S11-M-500	500				680	5410/5150	0.8	280	1000	1600	1439	920	1480		
S11-M-630	630				810	6200	0.6	330	1100	1830	1540	1010	1510		
S11-M-800	800				980	7500	0.6	450	1280	2300	1610	1030	1660		
S11-M-1000	1000				1150	10300	0.6	4.5	550	1450	2700	1750	1160	1750	820×820
S11-M-1250	1250				1360	12000	0.5		630	1800	3200	1800	1260	1810	
S11-M-1600	1600				1640	14500	0.5		800	2100	3700	1930	1300	1890	
S11-M-2000	2000				1940	18300	0.4		1050	2600	4500	2030	1340	2000	
S11-M-2500	2500	2290	21200	0.4	5	1200	3100	5500	2410	1610	2400	920×920			
S11-M-3150	3150	2730	24300	0.4		1400	4100	7200	2750	1810	2600				



Production Process



HV Coil Winding



LV Coil Winding



Iron Core Stacking



Drying Treatment



Oil Box Assembling



Vacuum Oiling



Routine Testing



Finished Products

Quality Control & Testing

Every batch of GNEE 1000 kVA Transformer undergoes rigorous quality testing to ensure reliability and performance, including:

- Chemical composition analysis by optical emission spectroscopy to ensure accurate alloy ratio.
- Mechanical and electrical performance testing (tensile, impact, insulation resistance, voltage withstand).
- Ultraonic inspection to detect internal defects and ensure structural integrity.
- Temperature rise test and noise test to meet standard requirements.
- Fluorescent leak detection and pressure test for oil-immersed models to eliminate oil leakage.

Contact Us

If you are looking for a high-performance 1000 kVA transformer for your industrial, commercial, or infrastructure project, we are here to help. Contact us today to get a customized quote, technical consultation, and professional solution support.

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