

10kV级S9系列油浸式电力变压器技术参数

Tech data of 10kV S9 series power transformer

额定容量 Rated capacity (kVA)	电压组合(kV) voltage group	联结方式 Vector group	阻抗电压 (%) Impedance voltage	损耗(kW) Loss		空载电流 (%) No-load current		重量(kg) Weight			外形尺寸(mm) (长Lx宽Bx高H) Outline dimension	轨距 纵向/横向 Gauge Vertical/ Horizontal	
				空载 No-load	负载 Load	空载 No-load	器身重 Body	油重 Oil	总重 Total				
200	高压(HV) 11 10.5 10 6.3 6 10.5 10	Yd11	4.5	0.42	3.15	1.5	530	180	940	1240X820X1130	660X660		
250				0.51	3.6	1.4	580	200	1000	1320X840X1150			
315				0.61	4.3	1.4	720	230	1210	1380X880X1200			
400				0.73	5.2	1.3	810	260	1420	1530X1020X1240			
500				0.88	6.2	1.2	910	280	1550	1610X1100X1290			
630			4.5	Yd11	4.5	1.03	7.29	1.1	1160	420	2040	1620X1120X1340	820X820
800						1.26	8.91	1.0	1350	470	2380	1810X1260X1390	
1000						1.48	10.44	1.0	1495	510	2605	1900X1300X1440	
1250						1.75	12.42	0.9	1750	615	3090	1910X1260X1620	
1600						2.11	14.85	0.8	1980	630	3500	1950X1610X1810	
2000	3.5	Yd11	5.5	2.52	17.82	0.8	5410	800	4360	2050X1800X2000	1070X1070		
2500				2.97	20.7	0.8	2850	850	5330	2150X1960X2160			
3150				3.51	24.3	0.7	3190	1270	6360	2285X2260X2290			
4000				4.32	28.8	0.7	3750	1580	7120	2400X2420X2390			
5000				5.13	33.03	0.7	4650	1830	8760	2480X2580X2510			
6300	3	Yd11	5.5	6.12	36.9	0.6	6020	2310	11460	2530X2760X2725	1475X1475		
8000				8.4	40.5	0.6	7310	2520	13680	2600X2800X2980			
10000				10.15	47.7	0.6	8670	2660	16150	2720X2820X3180			

注: 高压分接范围: $\pm 5\%$ 或 $\pm 2X2.5\%$; 频率: 50Hz

Note tapping range of HV: $\pm 5\%$ or $\pm 2X2.5\%$; frequency: 50Hz

20kV级S11系列电力变压器技术参数

Tech data of 20kV S11 series power transformer

额定容量 Rated capacity (kVA)	电压组合(kV) voltage group	联结方式 Vector group	阻抗电压 (%) Impedance voltage	损耗(kW) Loss		空载电流 (%) No-load current		重量(kg) Weight			外形尺寸(mm) (长Lx宽Bx高H) Outline dimension	轨距 纵向/横向 Gauge Vertical/ Horizontal
				空载 No-load	负载 Load	空载 No-load	器身重 Body	油重 Oil	总重 Total			
50	高压(HV) 23 22 20	Dyn11 Yyno	5.5	0.17	1.15	2.0	200	145	465	920X610X1000	450/450	
100				0.23	1.92	1.8	330	165	635	920X680X1100	550/550	
125				0.27	2.26	1.7	395	185	745	960X780X1120	550/550	
160				0.29	2.69	1.6	505	205	885	1160X710X1180	550/550	
200				0.34	3.16	1.5	580	225	895	1190X730X1190	550/550	
250				0.41	3.76	1.4	695	245	1130	1280X820X1210	660/660	
315				0.49	4.53	1.4	745	260	1285	1380X910X1240	660/660	
400				0.58	5.47	1.3	865	305	1500	1380X910X1240	660/660	
500				0.69	6.58	1.2	985	335	1710	1430X950X1320	660/660	
630				0.4	Yd11	5.5	0.83	7.84	1.1	1165	385	2010
800	0.98	9.41	1.0				1335	415	2315	1680X1150X1380	820/820	
1000	1.15	11.54	1.0				1655	515	2985	1810X1280X1430	820/820	
1250	1.4	13.94	0.9				1890	630	3460	1850X1290X1540	820/820	
1600	1.7	16.67	0.8				2220	710	4015	1920X1350X1790	850/820	
2000	0.4	Yd11	5.5	2.18	20.43	0.8	2530	730	4425	2020X1770X2040	820/820	
2500				2.56	21.85	0.8	3165	795	5260	2080X1800X2130	1070/1070	

注: 高压分接范围: $\pm 5\%$ 或 $\pm 2X2.5\%$; 频率: 50Hz

Note tapping range of HV: $\pm 5\%$ or $\pm 2X2.5\%$; frequency: 50Hz

35kV级S9系列油浸式电力变压器技术参数

Tech data of 35kV S9 series power transformer

额定容量 Rated capacity (kVA)	电压组合(kv) Voltage group	联结方式 Vector group	阻抗电压 (%) Impedance voltage	损耗(kW) Loss		空载电流 (%) No-load current	重量(kg) Weight			外形尺寸(mm) (长Lx宽Bx高H) Outline dimension	轨距 纵向/横向 Gauge Vertical/ Horizontal				
				空载 No-load	负载 Load		器身重 Body	油重 Oil	总重 Total						
200	高压(HV)	Yd11	6.5	0.43	3.33	1.5	580	350	1250	1230X1200X1830	660/660				
250				0.52	3.96	1.4	665	380	1475	1280X1250X1830					
315				0.61	4.77	1.4	785	440	1640	1310X1270X1920					
400				0.75	5.76	1.3	905	525	1870	1960X830X2010					
500				38.5	Yd11	6.5	0.87	6.93	1.2	1060	590	2225	2050X880X2080	820/820	
630							1.04	8.28	1.1	1220	630	2420	2120X1000X2130		
800							1.23	9.9	1.0	1350	700	2780	2290X1120X2150		
1000							1.44	12.15	1.0	1575	775	3290	2380X1140X2250		
1250							1.76	14.67	0.9	1810	880	3845	2420X1220X2370		
1600							2.12	17.55	0.8	2190	960	4295	2300X1510X2420		
2000	10.5	Yd11	6.5	2.72	19.35	0.7	2460	1090	4890	2320X1750X2450	1070/1070				
2500	10			3.2	20.7	0.6	3010	1205	5660	2380X1840X2530					
3150	6.3			7.0	3.8	24.3	0.56	3785	1500	7600		2550X2220X2620			
4000	6				4.52	28.8	0.56	4690	1790	8500		2670X2390X2670			
5000	10.5			Yd11	7.0	5.4	33.03	0.48	5570	2015		9790	2870X2450X2750	1475/1475	
6300						7.5	6.56	36.9	0.48	7380		2460	12620		3100X2580X2950
8000							9.0	40.5	0.42	8870		2650	14100		3250X2680X3150
10000						8.0	10.88	47.7	0.42	10020		2930	16500		3320X2720X3230
12500							12.6	56.7	0.4	12880		3710	19780		3410X2950X3410
16000							15.2	69.3	0.4	16120		4280	23950		3520X3180X3570
20000	18.0	83.7	0.4	18580	5230		29600	3730X3560X3990							
25000	21.28	8.0	99.0	0.32	22970	6370	35350	4110X4120X4220	2040/2040						
31500			25.28	118.8	0.32	27600	7740	41900		4760X4570X4390					

注:有载调压变压器高压可提供 $\pm 4 \times 2.5\%$ 调压范围

Note:it can supply voltage regulating range of $\pm 4 \times 2.5\%$ for HV on load regulation transformers