

S13 Series Oil-Immersed Power Transformer

Ideal distribution equipment for urban and rural power grid centers



Nomenclature	S	13	-	M	-		/	
	Three-phase	Technical level code		Fully sealed		Rated capacity (kVA)		Voltage class (kV)
Product Overview	<p>The S13 series is an independently developed product based on the previous S11 distribution transformer. By integrating new materials, advanced manufacturing processes, and technological innovation with technical imports, we have optimized the core and coil structures to reduce no-load loss and noise levels. The noise level is reduced by an average of 20% compared to the current national standard JB/T10088-2016, reaching advanced domestic performance levels.</p>							

S13 Series 10kV Dual-Winding - Main Performance Parameters

Model	Rated Capacity (kVA)	Vector Group	Voltage Combination (kV)			No-load Loss (W)	Load Loss - Delta connection (W)	Load Loss - Star/Wye connection (W)	No-load Current (%)	Short-circuit Impedance (%)
			High Voltage	Tapping Range	Low Voltage					
S13-M-30	30	Yyn0 or Dyn11	10	±5%	0.4	80	630	600	1.5	4
S13-M-50	50					100	910	870	1.3	
S13-M-63	63					110	1090	1040	1.2	
S13-M-80	80					130	1310	1250	1.2	
S13-M-100	100					150	1580	1500	1.1	
S13-M-125	125					170	1890	1800	1.1	
S13-M-160	160					200	2310	2200	1	
S13-M-200	200					240	2730	2600	1	
S13-M-250	250					290	3200	3050	0.9	
S13-M-315	315					340	3830	3650	0.9	
S13-M-400	400	410	4520	4300	0.8					
S13-M-500	500	480	5410	5150	0.8					
S13-M-630	630	570	6200	6000	0.6					
S13-M-800	800	700	7500	7300	0.6					
S13-M-1000	1000	830	10300	10100	0.6					
S13-M-1250	1250	970	12000	11800	0.5					
S13-M-1600	1600	1170	14500	14300	0.5					
S13-M-2000	2000	1550	18300	18100	0.4					
S13-M-2500	2500	1830	21200	21000	0.4					