



互邦电力
HU BANG
ELECTRIC POWER

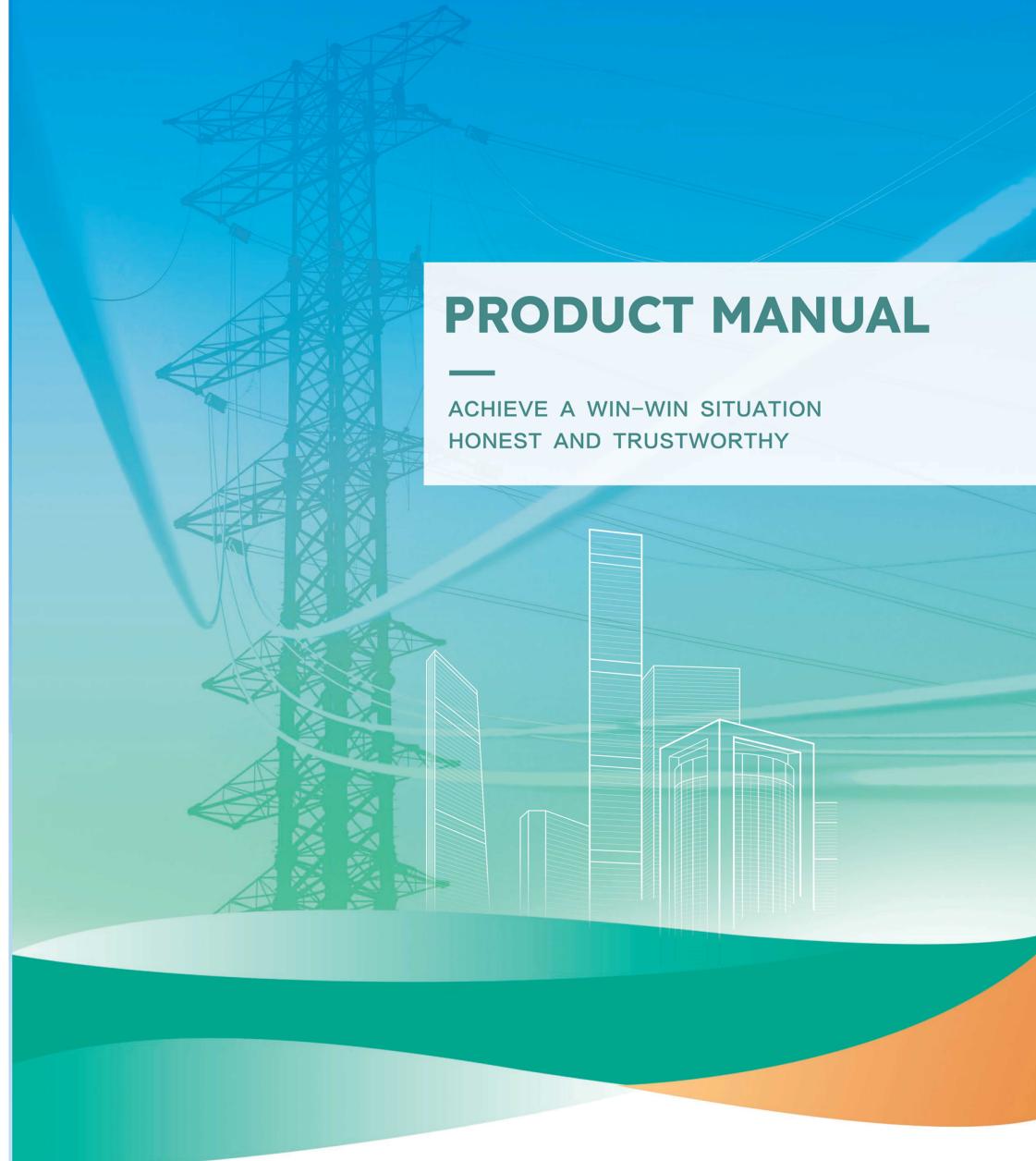


SHANGHAI DEMIKS ELECTRIC POWER TECHNOLOGY CO.,LTD

Address : No. 1295, Xinjinqiao Road, Pudong New District,
Shanghai, China.

Phone : +86 13916614261

Web : <https://www.hubtransformer.com/>



Company Profile

 **39000**

covers an area
of 39000m²

 **250**

250 million yuan
of total assets

 **700**

700 million yuan
of annual output

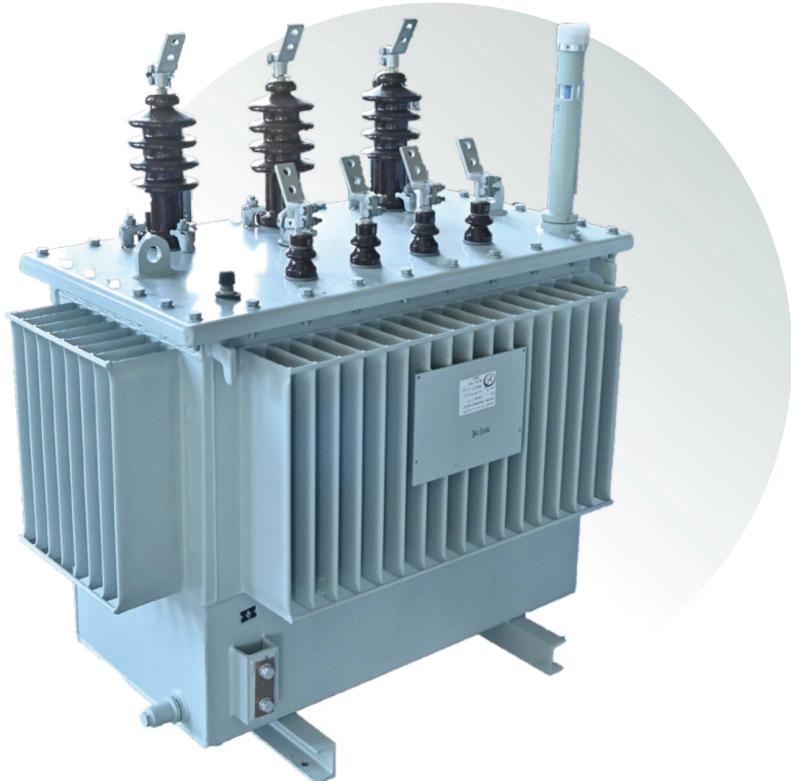


Shanghai Demiks Electric Power Technology Co.,Ltd. is located in Lingang Shanghai China, with convenient transportation. It is a private enterprise specialized in transformer production.

Enterprises mainly produce epoxy resin dry-type transformer,oil-immersed transformer, prefabricated substation, pad-mounted substation,pipe gallery transformer, underground transformer, buried landscape box transformer, wind/photovoltaic substation, DC charging pile, silicon steel sheet of transformer, iron core, oil tank and other products with voltage class of 35kV and below and capacity of 31500kVA and below.

The enterprise has been listed on the NEEQ, stock code: 839335; The enterprise covers an area of 39000m², including 20000m² of building area, 118 million yuan of registered capital, The enterprise has passed the ISO system certification, and the advanced process equipment and strong technical strength of the enterprise are reasonably applied to improve the quality assurance system, so as to ensure the excellent quality of the product. We are currently in a period of rapid development and have three factories, namely Transformer Intelligent Factory, Core Manufacturing Factory, and Sheet Metal Factory, We are committed to seek common development with customers all over the world and create good performance based on the tenet of "mutual reliance and integrity, and win-win".

10 kV Oil-Immersed Transformer



Model meaning

S Three-phase	13、20、22 Performance level code
M Full	Rated capacity/voltage level

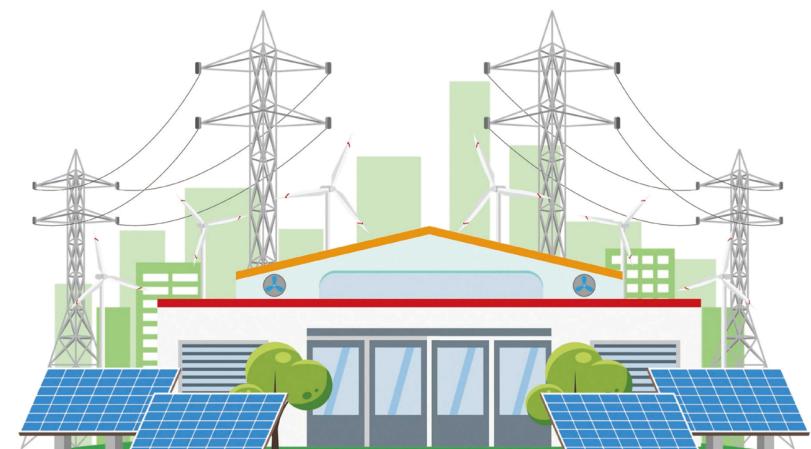
Product description

The transformer core is made of high-efficiency, low-loss, premium cold-rolled silicon steel sheets, assembled with full mitered joints and processed by intelligent tooling equipment for precise cutting and stacking. This design significantly reduces no-load loss, no-load current, and noise. The windings are made of high-purity oxygen-free copper with a low current density design, effectively reducing load loss. High-quality laminated wood clamping structures are used for mechanical fastening, while interlayer insulation adopts high-grade dotted pressboard with adhesive coating as the insulating material. The transformer body is structurally robust, capable of withstanding transportation shocks and vibrations without displacement.

According to customer requirements, the transformer can be equipped with a full range of accessories, such as Buchholz relays, integrated three-in-one protection devices, oil pressure sudden-acting relays, and more. The overall performance of this product reaches the domestic advanced level, and the series complies with the GB 20052 energy efficiency standard.

Features

- Three-proof performance (moisture-proof, mildew-proof, and salt-fog resistant)
- Three-protection functions (temperature, gas, and pressure)
- Reliable operation and easy maintenance
- Suitable for use in 10kV outdoor networks or inside prefabricated substations



10KV S13 Type Oil-immersed Power Transformer Performance Parameters

Type	Rated voltage combination			Connect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
S13-M-30	6	±2×2.5	0.4	Dyn11	1	0.08	0.63/0.60	4.0
S13-M-50					0.95	0.10	0.91/0.87	
S13-M-63					0.95	0.11	1.09/1.04	
S13-M-80					0.9	0.13	1.31/1.25	
S13-M-100					0.85	0.15	1.58/1.5	
S13-M-125					0.85	0.17	1.89/1.8	
S13-M-160					0.8	0.20	2.31/2.2	
S13-M-200					0.6	0.24	2.73/2.6	
S13-M-250					0.6	0.29	3.2/3.05	
S13-M-315					0.55	0.34	3.83/3.65	
S13-M-400	10.5	±2×2.5	0.4	Yyn0	0.55	0.41	4.52/4.3	6.0
S13-M-500					0.5	0.48	5.41/5.15	
S13-M-630					0.5	0.57	6.2	
S13-M-800					0.45	0.70	7.5	
S13-M-1000					0.45	0.83	10.3	
S13-M-1250					0.35	0.97	12	
S13-M-1600					0.35	1.17	14.5	
S13-M-2000					0.3	1.36	18.3	
S13-M-2500					0.3	1.60	21.2	

10KV S20 Type Oil-immersed Power Transformer Performance Parameters

Type	Rated voltage combination			Connect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
S20-M-30	6	±2×2.5	0.4	Dyn11	0.80	0.07	0.505/0.480	4.0
S20-M-50					0.75	0.09	0.730/0.695	
S20-M-63					0.75	0.1	0.870/0.830	
S20-M-80					0.70	0.115	1.050/1.000	
S20-M-100					0.65	0.135	1.265/1.200	
S20-M-125					0.65	0.15	1.510/1.440	
S20-M-160					0.6	0.18	1.850/1.760	
S20-M-200					0.50	0.215	2.185/2.080	
S20-M-250					0.50	0.26	2.560/2.440	
S20-M-315					0.45	0.305	3.065/2.920	
S20-M-400	10.5	±2×2.5	0.4	Yyn0	0.45	0.37	3.615/3.440	4.5
S20-M-500					0.40	0.43	4.330/4.120	
S20-M-630					0.40	0.51	4.960	
S20-M-800					0.35	0.63	6.000	
S20-M-1000					0.35	0.745	8.240	
S20-M-1250					0.30	0.87	9.600	
S20-M-1600					0.30	1.05	11.600	
S20-M-2000					0.25	1.225	14.640	
S20-M-2500					0.25	1.44	14.840	

10KV S22 Type Oil-immersed Power Transformer Performance Parameters

Type	Rated voltage combination			Connect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)	
	H.V (KV)	Tapping range of HV (%)	L.V (KV)						
S22-M-30	6	$\pm 2 \times 2.5$	0.4	Dyn11	0.80	0.065	0.455/0.430	4.0	
S22-M-50					0.75	0.08	0.655/0.625		
S22-M-63					0.75	0.09	0.785/0.745		
S22-M-80					0.70	0.105	0.945/0.900		
S22-M-100					0.65	0.12	1.140/1.080		
S22-M-125					0.65	0.135	1.360/1.295		
S22-M-160					0.60	0.16	1.665/1.585		
S22-M-200					0.50	0.19	1.970/1.870		
S22-M-250					0.50	0.23	2.300/2.195		
S22-M-315	6.3	$\pm 2 \times 2.5$	0.4		0.45	0.27	2.760/2.630	4.5	
S22-M-400			Yyn0	0.45	0.33	3.250/3.095			
S22-M-500				0.40	0.385	3.900/3.710			
S22-M-630				0.40	0.46	4.460			
S22-M-800				0.35	0.56	5.400			
S22-M-1000	10.5	$\pm 2 \times 2.5$		0.4		0.35	0.665	7.415	5.0
S22-M-1250						0.30	0.78	8.640	
S22-M-1600						0.30	0.94	10.440	
S22-M-2000						0.25	1.085	13.180	
S22-M-2500						0.25	1.28	13.360	



20KV Oil-immersed Power Transformer



Model meaning

S	Three-phase	13	Performance level code
M	Full sealed	Rated capacity/voltage level	

Product description

This transformer is designed for 20 kV power grids to help reduce line losses. The core is made of high-efficiency, low-loss, premium cold-rolled silicon steel sheets, assembled with full mitered joints and processed using intelligent tooling equipment for precision cutting and stacking, thereby minimizing no-load loss, no-load current, and noise. The windings are made of high-purity oxygen-free copper with a low current density design, which effectively reduces load loss. The structure employs high-quality laminated wood clamping for firm mechanical fastening, while interlayer insulation uses premium adhesive-coated pressboard as the insulating material. The transformer body is structurally robust, capable of withstanding transportation shocks and vibrations without displacement.

According to customer requirements, the transformer can be equipped with a complete set of accessories, such as Buchholz relays, integrated three-in-one protection devices, and oil pressure sudden-acting relays. The product performance reaches the domestic advanced level.

Features

- Three-proof performance (moisture-proof, mildew-proof, and salt-fog resistant)
- Three-protection functions (temperature, gas, and pressure)
- Reliable operation and easy maintenance
- Suitable for use in 10kV outdoor networks or inside prefabricated substations

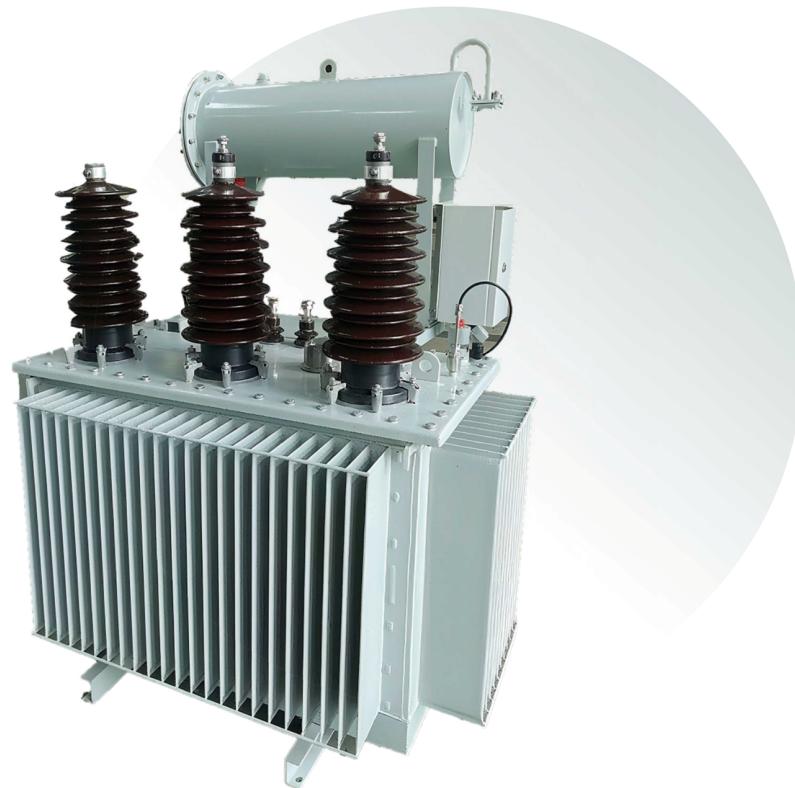


20KV S13 Type Oil-immersed Power Transformer Performance Parameters

Type	Rated voltage combination			Conect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
30	6	$\pm 2 \times 2.5$	0.4	Dyn11	1.7	0.08	0.66/0.63	5.5
50					1.6	0.1	0.96/0.91	
63					1.5	0.12	1.14/1.09	
80					1.4	0.14	1.37/1.30	
100					1.3	0.16	1.64/1.57	
125					1.2	0.19	1.98/1.88	
160					1.1	0.23	2.41/2.30	
200					1.0	0.27	2.85/2.72	
250					0.96	0.32	3.34/3.18	
315				Yyn0	0.88	0.38	4.00/3.81	
400					0.80	0.46	4.72/4.49	
500					0.80	0.54	5.64/5.38	
630					0.72	0.65	6.48	
800					0.64	0.78	7.84	
1000					0.56	0.92	10.70	
1250					0.56	1.10	12.50	
1600					0.48	1.33	15.10	
2000					0.48	1.56	19.10	
2500					0.40	1.87	22.20	



35 kV Oil-Immersed Transformer



Model meaning

S Three-phase	18, 20, 22 Performance level code
M Full sealed	Rated capacity/voltage level

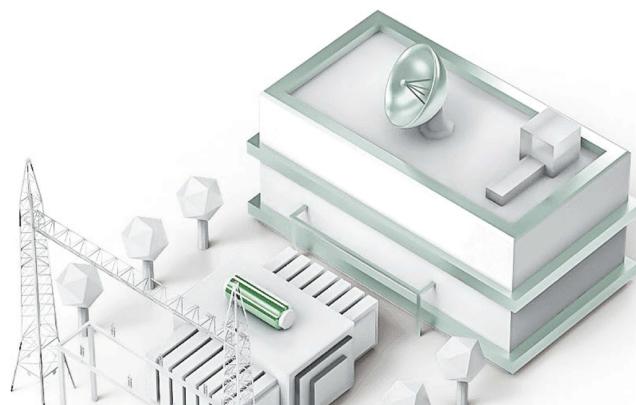
Product description

This transformer is designed for 35 kV power grids to help reduce line losses. The core is made of high-efficiency, low-loss, premium cold-rolled silicon steel sheets, assembled with full mitered joints and processed using intelligent tooling equipment for precision cutting and stacking, which significantly reduces no-load loss, no-load current, and noise. The windings are manufactured with high-purity oxygen-free copper using a low current density design, effectively lowering load loss. The mechanical structure adopts high-quality laminated wood clamping for firm fastening, while interlayer insulation uses premium adhesive-coated pressboard as the insulating material. The transformer body is mechanically robust, capable of withstanding transportation shocks and vibrations without displacement.

Depending on customer requirements, the transformer can be equipped with a complete set of accessories, such as metal conservators, bladder-type conservators, Buchholz relays, integrated three-in-one protection devices, and oil pressure sudden-acting relays. The product performance reaches the domestic advanced level.

Features

- Has three anti moisture (moisture -proof, mold-proof, salt -proof fog) performance
- With three protection (temperature, gas, pressure) function
- Reliable operation and easy maintenance
- Suitable for use in 10kV outdoor networks or inside prefabricated substations

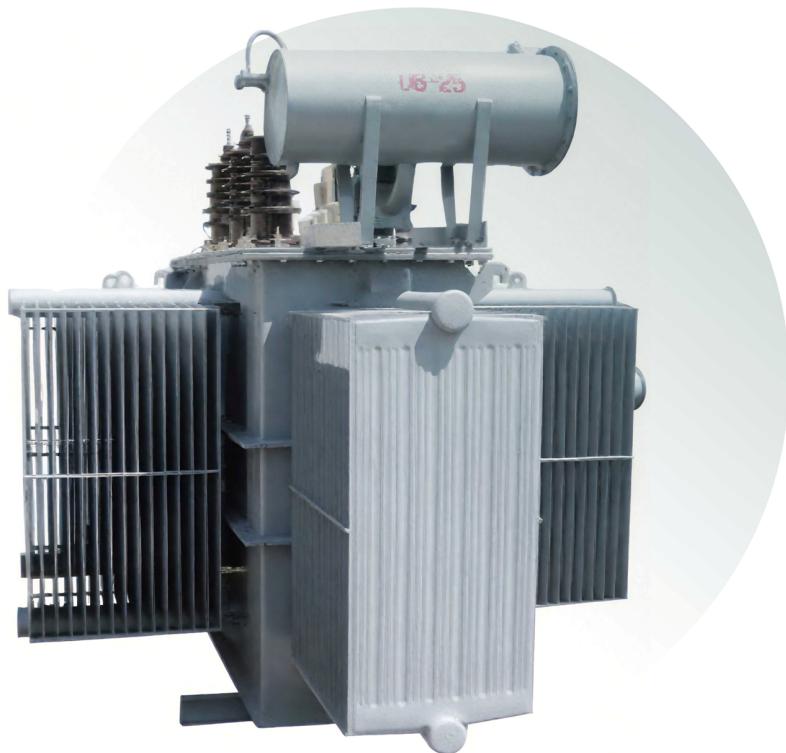


35KV S18 Type Oil-immersed Power Transformer Performance Parameters

Type	Rated voltage combination			Connect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
S18-M-50	35	$\pm 2 \times 2.5$	0.4	Dyn11 Yyn0	1.00	0.130	1.14/1.08	6.5
S18-M-100					0.88	0.185	1.91/1.81	
S18-M-125					0.88	0.215	2.25/2.15	
S18-M-160					0.80	0.225	2.68/2.55	
S18-M-200					0.80	0.270	3.15/3.00	
S18-M-250					0.76	0.320	3.75/3.57	
S18-M-315					0.76	0.385	4.51/4.30	
S18-M-400					0.68	0.465	5.45/5.20	
S18-M-500					0.68	0.545	6.56/6.25	
S18-M-630					0.52	0.665	7.47	
S18-M-800					0.52	0.785	8.93	
S18-M-1000					0.52	0.920	10.90	
S18-M-1250					0.48	1.120	13.20	
S18-M-1600					0.48	1.350	15.80	
S18-M-2000					0.44	1.590	19.70	
S18-M-2500					0.44	1.890	23.20	



35 kV Oil-Immersed On-Load Tap-Changing Power Transformer



Model meaning

S Three-phase	13、18、20、22 Performance level code	"Z" is a load regulating, without the inspirational pressure without code
"F" is air cool, self-cool without generation	Rated capacity/voltage level	

Product description

This transformer is designed using advanced materials and structures, with significant improvements in manufacturing processes. The high- and low-voltage clamping components adopt steel straps or top and side beams for tightening, forming a robust frame structure that enhances core clamping force and resistance to transportation shocks. The transformer features strong short-circuit withstand capability, an aesthetically pleasing appearance, reliable operation, low loss, and low noise, reaching the advanced level of similar foreign products. To fully meet market demands for voltage stability, the transformer is equipped with domestically renowned on-load tap changers from Shanghai Huaming and Guizhou Changzheng. These tap changers can perform frequent voltage regulation under load according to grid fluctuations, effectively improving power supply quality, while ensuring the safe and stable operation of both the switch and the transformer.

Applicable Scenarios

Interconnection between two power grids; networks with significant voltage fluctuations; environments or users requiring high voltage stability.

Features

- Enables on-load tap changing
- Supports remote automatic or manual voltage regulation
- Allows continuous power supply for users, improving productivity and reducing failure rates.
- Can serve as an interconnection transformer between two power grids
- Can distribute or adjust load



35KV SZ13 Type Oil-immersed On-load Voltage Regulation Power Main Transformer Performance Parameter

Type	Rated voltage combination			Connection symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
SZ13-2000	35	$\pm 3 \times 2.5$	10	Dyn11	0.5	1.84	19.20	6.5
SZ13-2500					0.5	2.18	20.60	
SZ13-3150					0.5	2.58	24.70	
SZ13-4000					0.5	3.10	29.10	
SZ13-5000					0.5	3.71	34.20	
SZ13-6300					0.5	4.50	36.70	
SZ13-8000				Yyn0	0.4	6.30	40.60	7.5 / 8.0
SZ13-10000					0.4	7.42	48.00	
SZ13-12500					0.35	8.48	56.80	
SZ13-16000					0.35	10.48	70.30	
SZ13-20000					0.3	12.40	82.70	
SZ13-25000					0.3	14.64	97.80	
SZ13-31500					0.3	17.44	116.00	10.0

35KV SZ18 Type Oil-immersed On-load Voltage Regulation Power Main Transformer Performance Parameter

Type	Rated voltage combination			Connection symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
SZ18-2000	35	$\pm 3 \times 2.5$	10	Dyn11	0.4	1.84	18.2	6.5
SZ18-2500					0.4	2.18	19.6	
SZ18-3150					0.4	2.60	23.5	
SZ18-4000					0.4	3.10	27.6	7.0
SZ18-5000					0.4	3.70	32.5	
SZ18-6300					0.4	4.50	34.9	
SZ18-8000				Yyn0	0.32	6.30	38.6	7.5 / 8.0
SZ18-10000					0.32	7.40	45.6	
SZ18-12500					0.28	8.70	54.0	
SZ18-16000					0.28	10.50	66.8	
SZ18-20000					0.28	12.40	78.6	
SZ18-25000					0.24	14.60	92.9	10.0
SZ18-31500					0.24	17.40	110.2	

35KV SZ20 Type Oil-immersed On-load Voltage Regulation Power Main Transformer Performance Parameter

35KV SZ22 Type Oil-immersed On-load Voltage Regulation Power Main Transformer Performance Parameter

Type	Rated voltage combination			Connect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
SZ20-3150	35	$\pm 3 \times 2.5$	10	Dyn11	0.4	2.1	22.2	7.0
SZ20-4000					0.4	2.5	26.2	
SZ20-5000					0.4	3.0	30.8	
SZ20-6300					0.4	3.7	33.0	
SZ20-8000				Yyn0	0.32	5.1	36.5	7.5 / 8.0
SZ20-10000					0.32	6.0	43.2	
SZ20-12500					0.28	7.1	51.1	
SZ20-16000					0.28	8.5	63.3	
SZ20-20000					0.28	10.1	74.4	
SZ20-25000					0.24	11.9	88.0	
SZ20-31500					0.24	14.2	104.4	

Type	Rated voltage combination			Connect ion symbol	o-load Current (%)	o-load Loss (K)	Load Loss (K)	Impedance voltage (%)
	H.V (KV)	Tapping range of HV (%)	L.V (KV)					
SZ22-3150	35	$\pm 3 \times 2.5$	10	Dyn11	0.4	1.8	v22.2	7.0
SZ22-4000					0.4	2.1	26.2	
SZ22-5000					0.4	2.6	30.8	
SZ22-6300					0.4	3.1	33.0	
SZ22-8000				Yyn0	0.32	4.3	36.5	7.5 / 8.0
SZ22-10000					0.32	5.1	43.2	
SZ22-12500					0.28	6.0	51.1	
SZ22-16000					0.28	7.2	63.3	
SZ22-22000					0.28	8.5	74.4	
SZ22-25000					0.24	10.1	88.0	10.0
SZ22-31500					0.24	12.0	104.4	

Development History

2007/9

In September 2007, the former "Jiangsu Mutual Transformer Manufacturing Co., Ltd." was established.

2010/10

National compulsory product certification in October 2010

2016/9

In September 2016, MUPower was officially listed in the national share transfer system for small and medium-sized enterprises, and intelligent pipe gallery transformer passed the high-tech product certification.

2014/9

In September 2014, it became a member of China Electric Appliance Industry Association and obtained the quality trust product promotion certificate of the Association

2016/11

In November 2016, it was identified as a national high-tech enterprise

2018/5

In May 2018, the company was renamed as Jiangsu Beichen Hubang Electric Power Co.,Ltd.

2017/10

Obtained Jiangsu Private Science and Technology Enterprise Certificate in October 2017

2019/11

In November 2019, it passed the verification and review of high-tech enterprises

2020/1

Awarded as the Advanced Unit of Scientific and Technological Innovation in January 2020.

2022/22

In December 2022, it was identified as Jiangsu Province Special New Medium Small Enterprises and High-tech Enterprises in 2022

2023/1

2023/1

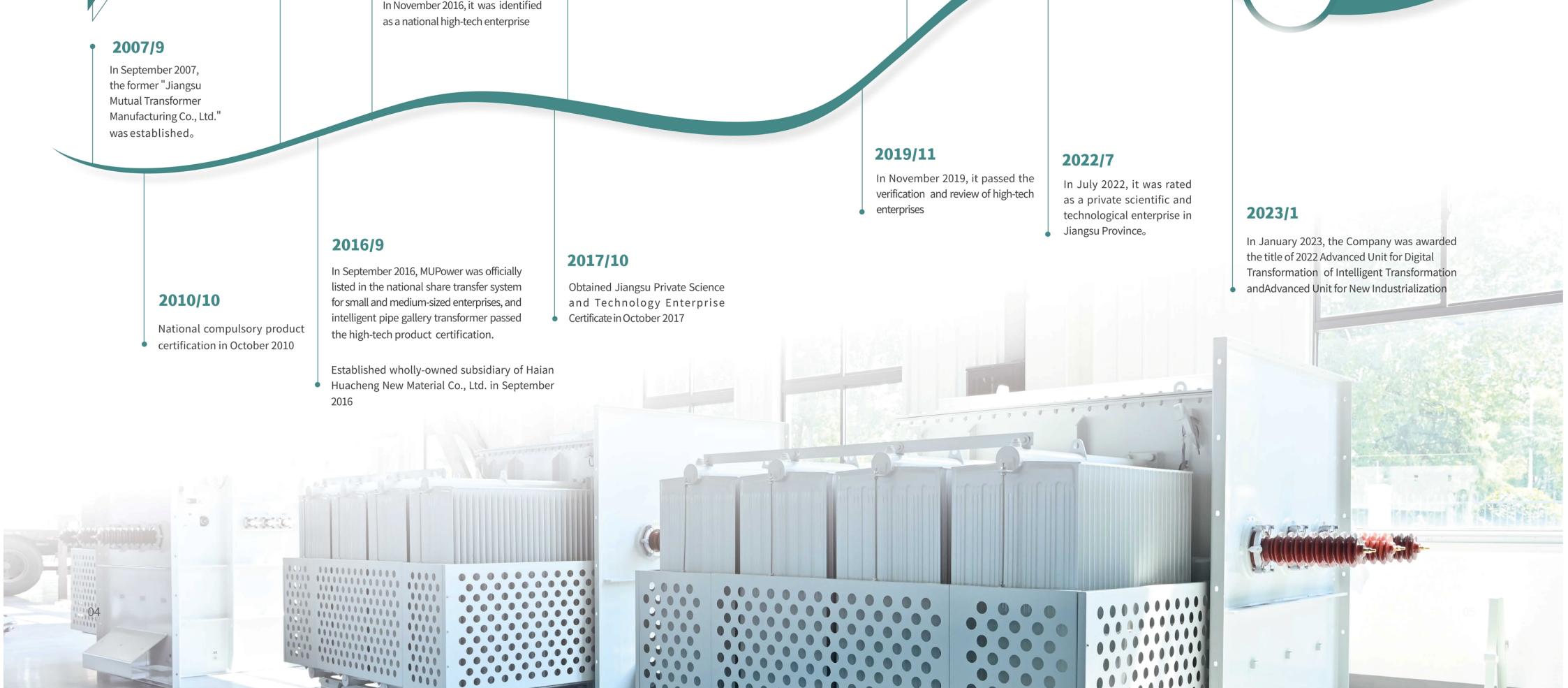
In January 2023, the Company was awarded the title of 2022 Advanced Unit for Digital Transformation of Intelligent Transformation and Advanced Unit for New Industrialization

2022/7

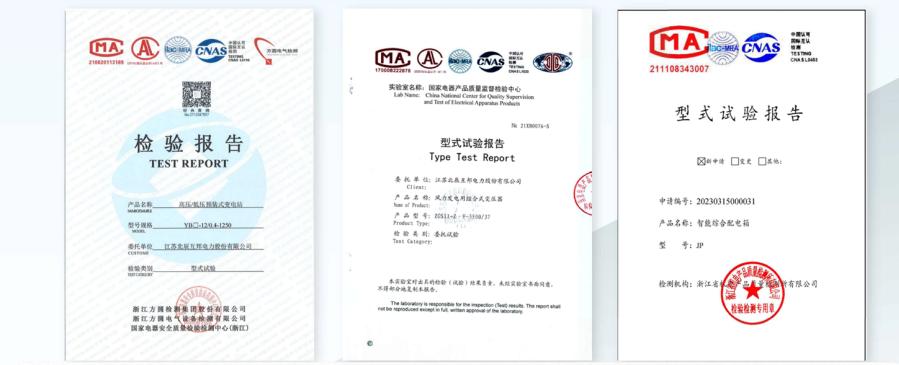
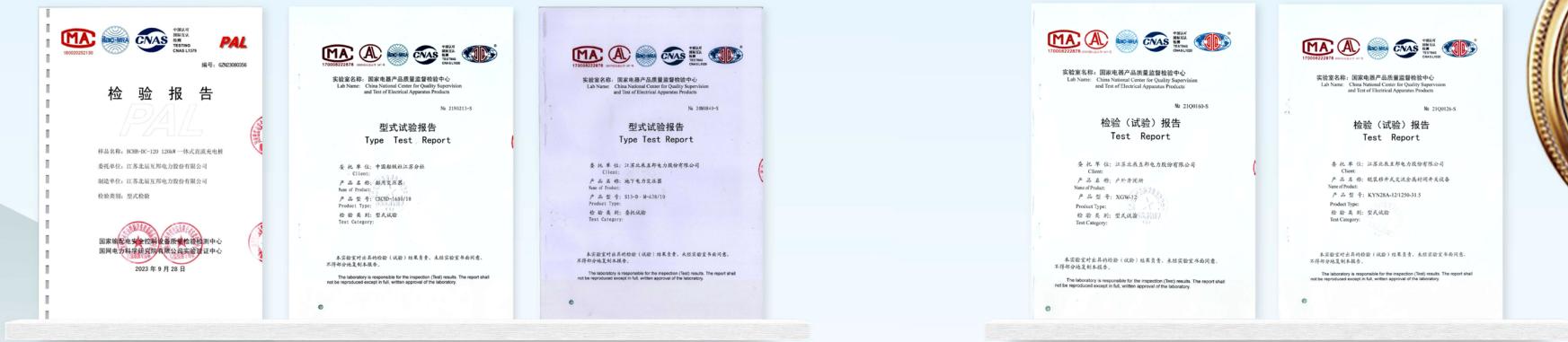
In July 2022, it was rated as a private scientific and technological enterprise in Jiangsu Province.

2024/8

In August 2024, the intelligent workshop of the new factory was put into use. The internationally oriented brand, SYNO-ELECTRIC was established the same month.



Product Type Test Report



Qualifications and Honors



Strength can be reflected by achievements. We get more confidence when we look back at our successes.

