

JIEZOU POWER

JIEZOU POWER, a professional designer, manufacturer and installer of power systemsolution around the World, was founded in 1989 year, occupies 200,000 square meter.

JIEZOU POWER, mainly manages power grid projects,500KV EPC,230KV hydroelectric power plant, 115KV power substation, etc.

JIEZOU POWER factory can manufacture oil type and dry type distribution transformer,max 500KV 480MVA power transformer, GIS,switchgear, substation, based on ANSI/IEEE/DOE2016/CSA/IEC60076 standard .

JIEZOU POWER successively obtain ISO9001, ISO14001, ISO45001, UL, CUL, CSA certificate; SGS, TUV, INTERTEK, TYPE TEST REPORT.

Until 2023 year, worldwide branch companies and factories are distributed in United States, Canada, Dubai, Dominican Republic, Philippines, Serbia, Chinese branch factories and companies are in BengBu city, FengYang city, HaiAn city, TaiZhou city, SuZhou city,ShenYang city, FoShan city.

Looking into the future, JIEZOU POWER's vision is to be the most trusted power system solution provider, solve the World's most urgent power management challenges, accelerate the planet's transition to renewable energy. So that everyone can have a more low-carbon and bright life. To this end, we will do our utmost to make efforts.

Factory:

LongXi Industrial Zone, JiangYan District, TaiZhou city, China

China branch:

BengBu , FengYang , HaiAn , Taizhou , SuZhou , ShenYang , FoShan .

International branch:

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GLOBAL POWER ENERGY SYSTEM SOLUTION SUPPLIER

● POWER TRANSFORMER

① 110KV Power Transformer



◆ Technical Data Sheet

① Techical Data Of Three-phase Duplex Winding Power Transformer On-load Changer

Rated Capacity (kVA)	Voltage Combined		Vector-group	No-load Loss (kw)	Load loss (75°C) (kw)	No load Current(%)	Short Circuit Impedance(%)
	HV(KV)	LV(KV)					
6300	110±8x1.25%	6.3 6.6 10.5 11	YNd11	10.0	36	0.80	10.5
8000				12.0	45	0.80	
10000				14.2	53	0.74	
12500				16.8	63	0.74	
16000				20.2	77	0.69	
20000				24.0	93	0.69	
25000				28.4	110	0.64	
31500				33.8	133	0.64	
40000				40.4	156	0.58	
50000				47.8	194	0.58	
63000				56.8	234	0.52	

② Techical Data Of Three-phase Three Winding Power Transformer On-load Changer

Rated Capacity (kVA)	Voltage Combined			Vector-group	No-load Loss (kw)	Load loss (75°C) (kw)	No load Current(%)	Short Circuit Impedance(%)
	HV(KV)	MV(KV)	LV(KV)					
6300	110±8x1.25%	35 37 38.5	6.3 6.6 10.5 11	YNyn0d11	12.0	47	0.95	H-M 10.5
8000					14.4	56	0.95	
10000					17.1	66	0.89	
12500					20.2	78	0.89	H-L 17.5-18.5
16000					24.2	95	0.84	
20000					28.6	112	0.84	
25000					33.8	133	0.78	M-L 6.5
31500					40.2	157	0.78	
40000					48.2	189	0.73	
50000					56.9	225	0.73	
63000					67.7	270	0.67	

1.10 type products:no-load loss fell by 10 percent;Load loss by 5 per cent.
2.11 type products:no-load loss dropped 20%;Load loss by 5 per cent.

◆ Definition

Power transformers are designed and optimized by absorbing and utilizing advanced technologies at home and abroad to optimize the transformer core, coil, body, leads, fuel tank, and other components, which features follow low partial discharge, low loss, low noise, lightweight, and high reliability. Its excellent performance has won high praise from users and relevant experts. This product has the characteristics of stability, economy, and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc

② 220KV Power Transformer



◆ Definition

JIEZOU POWER 220kV power transformer, use Japanese Toshiba analysis software and our company special calculation and validation procedures to the transformer core, winding, implement body, lead, fuel tanks, etc. Parts of the optimal design and carry on the omni-directional validation, ensure product performance. Superior process equipment. Elaborate material selecting and efficient manufacturing. making the transformer has small volume, light weight, low loss, low partial discharge, low noise characteristics, the product quality is superior, energy conservation and environmental protection, easy installation and maintenance, reliable operation and effectively reduced products running costs. This product has the characteristics of stability, economy, and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc

◆ Technical Data Sheet

① Technical Data Of Three-phase Duplex Winding Power Transformer On-load Changer

Rated Capacity (kVA)	Voltage Combined		Vector-group	No-load Loss (kw)	Load loss (75°C) (kw)	No load Current(%)	Short Circuit Impedance (%)
	HV(KV)	LV(KV)					
31500	220±8x1.25%	6.3	YNd11	38	135	0.70	12--14
40000		6.6		45	157	0.63	
50000		10.5		54	189	0.56	
63000		11		63	220	0.56	
90000		35		80	288	0.49	
		37					
		38.5					
120000		10.5		99	346	0.49	
150000		11		116	405	0.42	
		35					
180000		37		135	468	0.42	
		38.5					
120000		66		102	355	0.49	
150000		69		120	415	0.42	
180000				140	475	0.42	

② Technical Data Of Three-phase Three Winding Power Transformer On-load Changer

Rated Capacity (kVA)	Voltage Combined			Vector-group	No-load Loss (kw)	Load loss(75°C) (kw)	No load Current(%)	Capacity assignment(%)	Short Circuit Impedance (%)
	HV(KV)	MV(KV)	LV(KV)						
31500	220±8x1.25%	69	6.3	YNyn0d11	44	162	0.77	100/100/100 100/50/100 100/100/50	H-M 12-14
40000			6.6		52	189	0.70		
50000			10.5		60	225	0.63		
			11						H-L 22-24
			35		70	261	0.63		
63000			37						
			38.5						
90000			10.5		92	351	0.56		M-L 7-9
120000			11		115	432	0.56		
150000			35		135	513	0.49		
180000			37		156	630	0.49		
240000			38.5		193	780	0.45		