

POWER TRANSFORMER

① 110KV Power Transformer

◆ Technical Data Sheet



◆ Definition

VAOPTO 110kV 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 Technical Data Of Three-phase Three Winding Power Transformer On-load Changer

VO-UT-3TWP-xKVA-110kV-xLkV

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	6.3	YNynDd11	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	
16000					24.2	95	0.84	H-L 17.5-18.5
20000					28.6	112	0.84	
25000					33.8	133	0.78	
31500					40.2	157	0.78	
40000					48.2	189	0.73	M-L 6.5
50000					56.9	225	0.73	
63000					67.7	270	0.67	

Note:

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