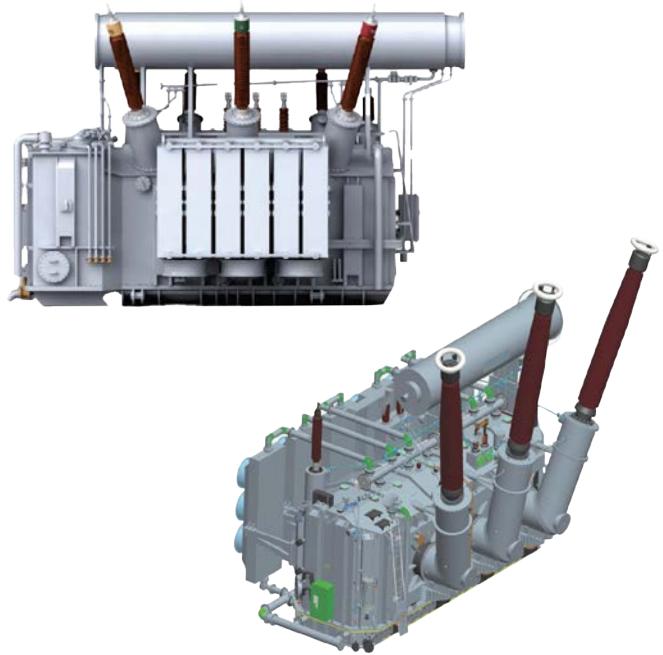




## 330KV POWER TRANSFORMERS



### Applications:

GRID offers custom-built 330kV power transformers that are primarily used in high-voltage transmission networks and bulk power distribution to efficiently transfer electricity over long distances. These power transformers commonly found in major utility substations, large industrial complexes, and renewable energy hubs.

### Features:

- Premium Durability:** Superior insulation and mechanical resilience allow for extended system life and overall system reliability – reducing the frequency of outages.
- Certified Quality:** Oil-immersed power transformers are manufactured, tested and delivered our in accordance with all applicable standards (ANSI, IEEE) maintaining US compliance which simplifies service and retrofitting.
- Energy Efficient:** Designed to accommodate heavier base loading for extended periods of time with low energy loss and minimal partial discharge for optimized energy savings.

### Lead Time:

Approximately **9-24 months** after drawings approved.

\*Photos shown for visual reference only—actual product specifications may vary based on manufacturing and order requirements.

# 330KV POWER TRANSFORMERS

2-Winding Power Transformer							
Rated Capacity (kVA)	Rated Voltage & Tapping Range		Vector Group	No-load Current (%)	No-load Losses (kW)	On-Load Losses (kW)	Impedance Voltage (UK%)
	HV (kV)	LV (kV)					
150000	363±2x2.25%	10.5~20	Ynd11	0.3	90	400	14~15
400000	363±2x2.25%	10.5~20	Ynd11	0.15	185	820	14~15

3-Winding OLTC Power Transformer											
Rated Capacity (kVA)	Rated Voltage & Tapping Range		Vector Group	No-load Current (%)	No-load Losses (kW)	On-Load Losses (kW)	Impedance Voltage (UK%)				
	HV (kV)	MV (kV)	LV (kV)				HV-MV	HV-LV	MV-LV		
150000	330±8x1.25%	110~121	10.5~35	YNyn0d11	0.3	95	440	14~15	24~26	7~9	
240000	330±8x1.25%	110~121	10.5~35	YNyn0d11	0.25	135	625	14~15	24~26	7~9	
360000	330±8x1.25%	110~121	10.5~35	YNyn0d11	0.15	185	850	14~15	24~26	7~9	
150000	330±8x1.25%	110~121	10.5~35	YNa0d11	0.3	50	335	11~12	34~36	22~24	
240000	330±8x1.25%	110~121	10.5~35	YNa0d11	0.25	70	480	11~12	34~36	22~24	
360000	330±8x1.25%	110~121	10.5~35	Yna0d11	0.15	95	645	11~12	34~36	22~24	

## Working Conditions:

- Max. ambient temperature: +40°C
- Min. temperature: -30°C (outdoor installation)
- No corrosive gas, no obvious dirt, etc.
- Altitude: ≤1000m
- Relative humidity: ≤90% (25°C) (without condensation)
- Customized engineering available on request



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