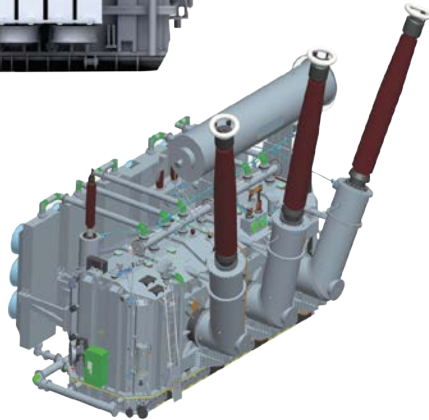
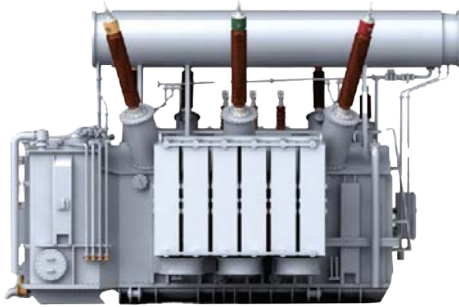




330KV POWER TRANSFORMERS



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 out 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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