



66kV ~ 220kV VOLTAGE TRANSFORMERS



Applications:

GRID offers a versatile range of oil-immersed voltage transformers rated up to 330kV. Available in bushing-type, head-type, and tank-type configurations, each design can be tailored to meet specific project requirements. All units are manufactured to comply with applicable domestic and international standards, ensuring seamless integration into any high-voltage power system.

Features:

- Reliable Performance:** Engineered for high measurement accuracy and long-term stability, these transformers ensure dependable performance in metering and protection applications.
- Easy Integration:** Available with Multiple design options allow for seamless integration across a broad range of system configurations, making them suitable for a wide range of transmission and substation applications.
- Certified Quality:** Disconnects are designed, manufactured, tested and delivered our in accordance with all applicable local and global standards (ANSI, IEEE) maintaining quality assurance.

Lead Time:

Approximately **3-12 months** after drawings approved.

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

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Specification	Unit	Technical Parameters						
Rated Frequency	Hz	60						
Rated Voltage	kV	66	110	132	150	220		
Max Voltage	kV	72.5	126	145	170	252		
Rated Power Frequency Withstand Voltage	kV	160	230	275	325	460		
Rated Lightning Impulse Withstand Voltage	kV	350	550	650	750	1050		
Arcing Distance	mm	700	1000	1320	1450	2250		
Creepage Distance	mm	1820	3150	3630	4250	6300		
		2250	3910	4500	5270	7820		
Mechanical Load	N	1250	1250	1250	1250	2500		
Rated Primary Voltage	kV	66/ $\sqrt{3}$	110/ $\sqrt{3}$	132/ $\sqrt{3}$	150/ $\sqrt{3}$	220/ $\sqrt{3}$		
Secondary Terminal Sign		1a-1n		2a-2n		da-dn		
Rated Secondary Voltage	kV	0.1/ $\sqrt{3}$		0.1/ $\sqrt{3}$		0.1/3(66kV)		
						0.1 (110~220kV)		
Accuracy Class		0.2		0.5		3P		
Rated Output	VA	100		250		300		
		150		150		300		
		150		-		300		
Thermal Limiting Output		2000						
Rated Voltage Factor		1.2/Continuous; 1.9/8h (66kV)						
		1.2/Continuous; 1.5/30s (110~220kV)						
Dielectric Dissipation Factor tg δ, Under the 10kV		Whole tg δ ≤ 0.02; Holder tg δ ≤ 0.05						

Working Conditions:

- Max. ambient temperature: +40°C
- Min. ambient temperature: -40°C
- No corrosive gas, no obvious dirt, etc.
- Altitude: ≤2500m
- Pollution Level: II, III, IV
- Customized engineering available on request



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