



66kV ~ 330kV CURRENT TRANSFORMERS



66kV

110kV

220kV



Applications:

GRID offers a versatile range of oil-immersed current 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:** Current Transformers 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.

66kV ~ 330kV CURRENT TRANSFORMERS

Specification	Unit	Technical Parameters						
Rated Frequency	Hz	60						
Rated Voltage	kV	66	110	132	150	220	275	330
Max Voltage	kV	72.5	126	145	170	252	300	362
Rated Power Frequency Withstand Voltage	kV	160	230	275	325	460	460	510
Rated Lightning Impulse Withstand Voltage	kV	350	550	650	750	1050	1050	1175
Rated Switching Impulse Withstand Voltage	kV							850 950
Arcing Distance	mm	700	1050	1300	1400	2000	2200	2650
Creepage Distance	mm	1820 2250	3150 3910	3630 4500	4250 5270	6300 7820	7500 9300	9050 11230
Mechanical Load	N	2000	2000	3000	3000	3000	3000	3000
Rated Primary Current	A	50~ 1600	50~ 1600	50~ 1600	150~ 2000	150~ 2000	150~ 2000	150~ 2000
Rated Secondary Current	A	1; 5						
Accuracy Class	0.1; 0.2; 0.5; 0.2S; 0.5S; 5P; 10P; TPS; PX***							
Rated Output	VA	1A: 10~30 VA; 5A: 30~50VA						
Safety Factor	FS	5; 10						
Accurate Limit Coefficient	ALF	10, 15, 20, 25, 30, 40						
Short-time Thermal Current (Max)	kA	50kA/3s						
Dynamic Current (Max)	kA	125						

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



GRID INFRASTRUCTURE SOLUTIONS

5 Park Plaza, Suite 640
Irvine, CA 92614

Email: sales@grid-infrastructure.com
Phone: +1 (949) 570-8998
Website: grid-infrastructure.com