



Power Transformers up to 1000kV

Low Loss & High Efficiency, Safe & Reliable, Fully Customized Solutions



CHINT GLOBAL INTERNATIONAL PTE. LTD.

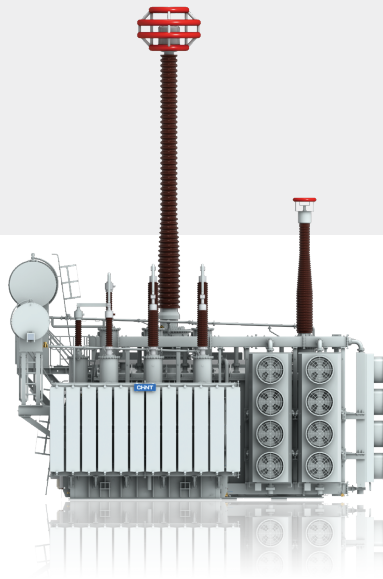
Add: 8 Kallang Avenue, #04-06/09 Aperia Office Tower 1, Singapore 339509.

Tel: +86-21-5677 7777

E-mail: global-sales@chintglobal.com

Power Transformers up to 1000kV

The production range of CHINT power transformers fully covers the complete series of products with voltage ratings up to 1000 kV and capacities up to 1200 MVA. These products are widely applied across the entire power generation, transmission and distribution systems, as well as in various application scenarios such as industrial power supply, data centers and renewable energy integration. With export footprints in more than 120 countries and regions worldwide, all products fully meet or exceed the requirements of international standards including IEC, IEEE, BS, AS and EN Etc..



Global Standard Compliance

- Fully compliant with international mainstream standards including IEC, ANSI, IEEE, AS, EN, BS, GB, and more.



Superior Equipment Performance

- Economical & efficient design, effectively cut down network loss and operating cost.
- Excellent short-circuit resistance and insulation performance.
- Compact structure, low noise, lightweight body.



Customization

- Fully customized transformers available to meet your individual requirements.
- Short competitive delivery cycle.

Key Specifications

Parameter	1000 kV	750 kV	400 kV
Rated Voltage	(1050/√3)/(525/√3) ±4×1.25%/110kV	(765/√3)/(345/√3)/63 kV	(420/√3)/(230/√3)/15.75 kV
Rated Capacity	1000/1000/334 MVA	700/700/233 MVA	300/200/100 MVA
Short-circuit Impedance	18% / 62% / 40% (H-M / H-L / M-L)	18% / 56% / 36% (H-M / H-L / M-L)	12% / 31% / 16% (H-M / H-L / M-L)
Cooling Method	OFAF/ONAN	OFAF	ONAN / ONAF/OFAF
Vector Group	Iaoi0	Iaoi0	YNao+d5
Insulation — HV	SI/LI/LIC/AC 1800/2250/2400/1100 (5min)	SI/LI/LIC/AC 1550/1950/2100/900 kV	SI/LI/LIC/AC 1050/1425/1570/630 kV
Insulation — MV	SI/LI/LIC/AC 1050/1550/1675 (1705) /630	SI/ LI/LIC/AC 950/1175/1300/510 kV	LI/AC 550/230 kV
Insulation — LV	LI/LIC/AC 650/750/275	LI/LIC/AC 325/360/140 kV	LI/AC 125/50 kV
Insulation — N	LI/AC 325/185	LI/AC 325/140 kV	LI/AC 550/230 kV
Standard	IEC 60076	IEC 60076	IEC 60076

Application Scenarios



UHV AC Backbone Transmission



Cross-Regional Grid Interconnection



Urban & Industrial Power Distribution



Renewable Energy Grid Integration

Project References



Spain | Renewable Energy EPC Project 400kV 400MVA Power Transformer

UK | Utility-scale BESS Project 400kV 340MVA Power Transformer



China | EETI 750kV Power Transformer



China | 1000kV Power Transformer