



PRECISION SUPPLY SIMPLIFIED

Power and Distribution Transformers

500 kVA - 100 MVA | Up to 138 kV Class



eacglobalinc.com

Standard Configurations

Ratings	500 kVA - 100 MVA
Primary voltage	Up to 138 kV Class
Secondary voltage	Custom per application
BIL levels	As per IEEE C57 insulation class
Frequency	60Hz 50Hz
Cooling classes	ONAN (standard)
Core material	Grain-oriented silicon steel
Windings	Copper or aluminum

Oil	Mineral oil or FR3 natural ester
Temperature rise	55°C 65°C 55/65°C
Impedance	per IEEE C57.12 or custom
Tap changer	External off-load tap changer
Standards	<ul style="list-style-type: none"> • IEEE C57.12.00 • CSA C88 • IEEE C57.12.90 • NEMA TR-1
Certification	CSA / cULus / Special inspection

Standard Features

Monitoring & Protection	<ul style="list-style-type: none"> Liquid level gauge Liquid temperature gauge Pressure relief device Grounding pads
Electrical	<ul style="list-style-type: none"> HV & LV bushings External off-load tap changer Mineral insulating oil
Mechanical	<ul style="list-style-type: none"> Seal welded tank per IEEE C57 Laser engraved stainless nameplate Drain valve and oil sampling device

Optional Features

Electrostatic shielding
Padlockable cabinet
Current and voltage monitoring transducers
Instruments wired to NEMA 4X junction box
Lightning arrestors
Surge protection
Cooling classes ONAF/KNAN/KNAF optional

Winding temperature indicators
Pressure rise relay
Stainless tank and cabinet
2-year spare parts
Start-up and commissioning service
2-year extended warranty

EAC Global supplies transformers with a strong emphasis on engineering verification, documentation, and quality oversight. Transformers are manufactured by qualified partners operating under ISO-9001 quality systems and undergo defined inspection and testing procedures.

Quality processes may include:
Factory Inspection & Test Plans (ITP)
Factory Acceptance Testing (FAT)
Witness testing available
Material traceability documentation
Oil dielectric and insulation testing



Typical tests (per IEEE C57.12.90)
Ratio and polarity tests
Winding resistance tests
Insulation resistance tests
Applied potential test
Induced potential test
Impedance and load loss tests

Optional tests may include:
Temperature rise tests
Sound level tests
Lightning impulse tests

**Utility substations | Data centers | Renewable energy projects |
Industrial facilities | Mining & oil & gas operations |
Power generation facilities**



+1-403-768-2269
sales@eacglobalinc.com

eacglobalinc.com