EAC Global Inc

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 C5712 or custom
Tap changer	External off-load tap changer
Standards	▪ IEEE C5712.00 ▪ CSA C88 ▪ IEEE C57.12.90 ▪ NEMA TR-1
Certification	CSA / cULus / Special inspection

Standard Features

Monitoring & Protection	Liquid level gauge Liquid temperature gauge Pressure relief device Grounding pads
Electrical	HV & LV bushings External off-load tap changer Mineral insulating oil
Mechanical	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 tests
Induced potential tests
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 and oil & gas operations | Power generation facilities

The EAC Difference

EAC was founded and operates on a mission dedicated to accountability, clarity, and technical depth. A customer-first approach aimed at delivering reliable solutions with clear and practical communication from inception to completion.

- Multiple manufacturing partners allow us to leverage not just ONE brand or manufacturer
- Our ability and timeline to efficiently offer custom solutions are unrivalled
- Custom volume manufacturing
- Niche products and custom solutions not supported by larger groups
- Strong support for design, warranty and commissioning

EAC Global Inc

PRECISION SUPPLY SIMPLIFIED

Our Mission Is Simple

Understand project and client needs, communicate with extreme clarity, and approach delivery and execution like our business depends on it - because it does.

We approach our clients with a solution-based mindset and remove the standard limitations of larger providers. We work with select manufacturing partners who have proven engineering strength, flexible production capabilities, and full certification for North American markets.

