

OIL COOLED TRANSFORMER

Powering progress.
Delivering reliability.

High performance oil cooled transformers
engineered for efficiency, built for
durability, designed to power industries
and cities - today and tomorrow.



25+

YEARS OF
MANUFACTURING
EXCELLENCE



LOW LOSSES

Optimized design for
minimum energy losses.



HIGH EFFICIENCY

Superior efficiency for
better performance.



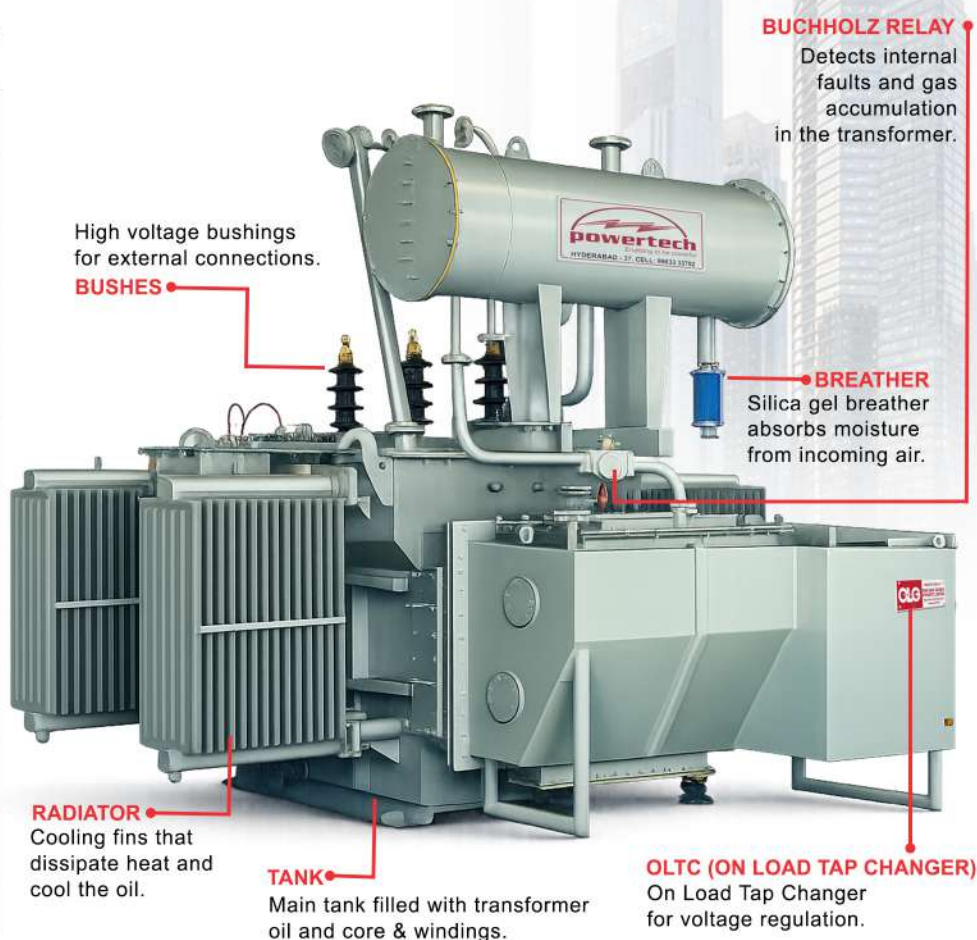
RELIABLE PERFORMANCE

Engineered for durability.
built for continuous operation.

TECHNICAL SPECIFICATIONS

Engineered for efficiency.
Built for durability.

PARAMETER	SPECIFICATION
Rating (As per BIS Standard)	Up to 2.5 MVA
Rating (As per IS2026 Standard)	Up to 16 MVA
Voltage Class	Up to 33 kV
Cooling Type	ONAN /ONAF
Frequency	50 Hz
Winding Material	Copper / Aluminium
Insulation Level	As per IS / IECStandards
Core Material	CRGO Silicon Steel
Vector Group	Dyn11 / YNd11 /Other on request
Impedance	As per IS / IEC Standards
Oil Type	Mineral Oil PCB < 2 ppm)
Tap Changer	OCTC (OR) OLTC
Standard Compliance	IS1180 (BIS Standard) (or) IS2026



KEY PERFORMANCE FEATURES



LOW LOSSES

Optimized design for minimum energy losses.



HIGH EFFICIENCY

Superior efficiency for better performance.



SUPERIOR COOLING

Effective cooling for longer life and reliability.



RELIABLE PERFORMANCE

Engineered for durability and continuous operation.



EASY MAINTENANCE

User-friendly design for quick inspection and serviceability.

ADVANCED MANUFACTURING

Precision in every process.
Performance in every detail.



PRECISION CORE STACKING

High-grade CRGO sheets cut with precision for lower losses and higher efficiency.



AUTOMATED COIL WINDING

Computerized winding machines ensure consistent quality and reliability.



MOISTURE DRYING PROCESS

Moisture-free insulation for enhanced dielectric strength and long life.



CONTROLLED OIL FILLING

Vacuum oil filling under controlled conditions ensures superior insulation and performance.



ADVANCED QUALITY CONTROL

Every stage is monitored and verified to meet national & international standards.



TESTING & QUALITY ASSURANCE

Rigorous testing. Assured performance.
Complete reliability.

All transformers are tested as per
IS 1180 & IEC 60076 Standards.

- Measurement of Winding Resistance
- Voltage Ratio, Polarity & Vector Group Test
- No Load Loss & No Load Current Test
- Load Loss & Impedance Voltage Test
- Applied Voltage Withstand Test
- Induced Over Voltage Withstand Test
- Insulation Resistance (IR) Test
- Oil BDV Test
- Magnetic Balance Test
- Functional Checks on Accessories



TRUSTED BY INDUSTRY LEADERS



25+

YEARS EXPERIENCE

Delivering reliable power solutions since decades.



5000+

OF INSTALLATIONS

Successfully installed across diverse industries.



TRUSTED

ACROSS INDIA

Empowering businesses across every region.

GET IN TOUCH



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