



Transformer that saves electricity

Power & Distribution Transformer

Up to 66 KV Class



IS : 1180



CERTIFIED

BIS ISI Marked
Transformers



BEE Star Labelled
Transformers

CAPACITY : 30 KVA to 20 MVA

AN ECO FRIENDLY INITIATIVE
by
POWER STAR

INTRODUCTION

Power Star Transformers are known for delivering excellent performance. The expert R&D team develops one of the most advanced designs to withstand short-circuit.

Features

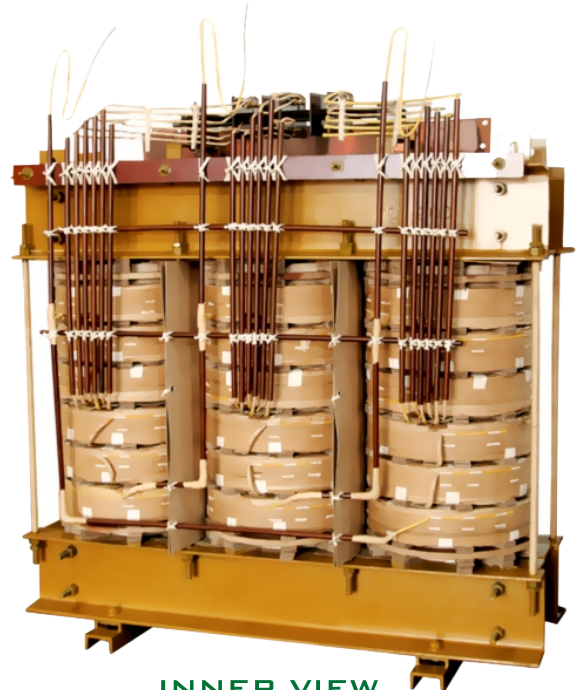
- Robust design to take care of frequent short circuits.
- Utmost care in workmanship and selection of quality raw materials ensures long and maintenance free life.
- Manufactured with prime CRGO using step-lap design for low losses.
- Windings manufactured using Strip / Wire / Foil.
- Step up and Step down transformers manufactured.
- Various rating Type-Tested for Short -Circuit, Impulse Voltage with stand & Temperature Rise Tests.
- Designed to meet customized Specifications.

Options

- Corrugated Fin Radiators or Pressed Steel Radiators.
- Sealed type or Breathing type with Conservator.
- CSP (Completely Self- Protected) Type.
- DG PT2/DMCR multifunction device.
- Paint options for tanks such as Flow Painting (PU Paint), Powder Coating or Metallizing / Galvanization
- Off Circuit Tap Changer or On Load Tap Changer with RTCC Panel.
- Termination : Porcelain / Cycloaliphatic / Epoxy / Touch Proof Plug-in type Bushings with option of Cable Box / Bus Duct.
- RTD Temperature Sensors for alarm & trip, with npté0nS of 4-20 mA output or RS-485.

Technical Specifications

- Ratings : 3 phase upto 66 KV 20 MVA & 1 phase upto 33 KV 167 kVA.
- Frequency : 50/60 Hz.
- Applicable Standards IS:1180, IS:2026, IEC:60076, ANSI 57, BS, SANS.
- Class of Insulation : A/B.
- Cooling : ONAN/ONAF.
- Vector Groups : Any as per customer requirement like Dyn11, Yzn11, Dd0, etc.
- Insulating Fluid : Mineral Oil / Silicon Oil, both inhibited & inhibited, as per IS/[EC/ANSI/BS/SANS Standards
- Biodegradable Ester Filled Transformers also offered.
- Standard Accessories as per customer specifications.



INNER VIEW

OLTC Transformer

OLTC (On Load Tap Changer)

We manufacture and export technologically advanced Tranced Transformer with OLTC in India, which ensures trouble free performances. It is a load tap changer.

Its major function is to change the voltage level of the secondary winding to maintain the constant voltage. OLTC Transformer keeps the voltage constant within the limits.

Salient Features :

- Controls voltage automatically
- Reliable
- Long trouble free performance
- Cost effective



Dry-type Cast Resin Transformer



For a high level of safety and exceptional environment friendliness, there's nothing to a dry-type cast resin transformer.

The epoxy resin insulation used in this kind of transformer means no oil is used, greatly reducing the risk of fire and improving recyclability, all without loss of performance compared to other transformer types. Dry-type cast resin transformers are therefore idea for critical applications and high-traffic areas.

Even among dry-type cast resin transformers, Power Star stands out due to its outstanding performance and unrivalled certifications.

Power Star is a best-in class range of dry-type cast resin transformers, rated from 63 kVA up to 5 MVA, with insulation rated up to 36kV. It's perfectly suited to a wide variety of industries, from densely-populated buildings and critical infrastructure to heavy industry and renewable energy production.



Transformer that saves electricity

LOW LOSSES

HIGH PERFORMANCE

BEST EFFICIENCY

The motto of **POWER STAR** is to use best quality raw material & give full satisfaction to customer by providing high quality equipment & prompt after sales services.