

Arihant Transformers

AN ISO 9001:2015 CERTIFIED COMPANY

POWERING
TOMORROW
WITH
PERFORMANCE
YOU CAN

Trust

IS:1180



(Part-1)
CML NO.
8200046712



Power
Transformers



Distribution
Transformers



Low Losses
Transformers



Amorphous
Transformers



OLTC
Transformers



Industrial
Transformers



Booster
Transformers



Single Face
Transformers



Inverter Duty
Transformers

T&C Apply

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About Arihant Transformers



ARIHANT TRANSFORMERS is a leading manufacturer of Power and Distribution Transformers with voltage classes of 11 kV, 22 kV, and 33 kV, delivering reliable, energy-efficient, and high-performance solutions that conform to the latest Indian Standards (IS) and customer-specific requirements. Established in 2012, the company is backed by over 25 years of industry experience and technical expertise in transformer manufacturing. Since its inception, ARIHANT TRANSFORMERS has been committed to engineering excellence, uncompromising quality, and customer satisfaction, earning a strong reputation as a trusted partner for utilities, government organisations, EPC contractors, and industrial clients. Our state-of-the-art manufacturing facility is located at Plot No. 11, Beeta Industrial Park, Gram Jakhya, Sanwer Road, Indore (Madhya Pradesh) and is equipped with modern manufacturing machinery, advanced testing facilities, and stringent quality control systems to ensure superior product performance and reliability. ARIHANT TRANSFORMERS is a BIS-certified company and operates an integrated management system certified to ISO 9001:2015 and ISO 14001:2015. Every transformer is manufactured under strict quality assurance procedures, ensuring complete traceability, consistent performance, and compliance with applicable national standards. Driven by innovation, precision engineering, and a customer-centric approach, ARIHANT TRANSFORMERS continues to deliver dependable transformer solutions that power infrastructure, utilities, renewable energy projects, and industrial applications across India.

Manufacturing Facilities

We have an array of sophisticated machines like cranes, oil winding machines, ovens, jigs & fixtures like tubes, segments, special machines (Busbar bending / Busbar bending, cutting & punching machines), paint booths, etc.

Testing Facilities

We have facilities to carry out all routine tests, temperature rise tests, special tests, viz. Zero-phase sequence, capacitance & tan delta, harmonic analysis, etc. Short Circuit Test can be carried out at CPRI/ERDA.

Our Product Range

- Distribution Transformers: 16 to 10 MVA, up to 33 KV class
- Power Transformers: 500 to 12.5 MVA, up to 33 KV class
- Energy Efficiency Level Transformers: 16 to 10,000 up to 33 KV class
- Special Transformers: OLTC & Indoor Type Transformers, Industrial Transformers
- Inverter duty transformer (IDT): 500 KVA to 17.5 MVA





Products

Arihant Transformers, with the brand name of "Arihant", covers a wide range of products incorporating the latest trends in design concepts for low-loss magnetising current. We can offer transformers from 5 KVA to 12.5 MVA step-up and step-down transformers with various voltage classes/combinations, having different vector groups.

The products are supplied with tapping & without tapping as and when specified for voltage variations in several steps, including off-circuit and on-load conditions, along with RTCC and AVR. Transformers are supplied with different terminal arrangements as per the requirements of the customers.



Power Transformers

Used for transmission of power from various sources such as 11 to 33, 66 KV and vice-versa.

Product Range & Specification

Unit Rating	500 KVA to 17.5 MVA
System Voltage	up to 33 KV



Distribution Transformers

General use transformers fulfilling the needs of huge masses and state utilities.

Product Range & Specification

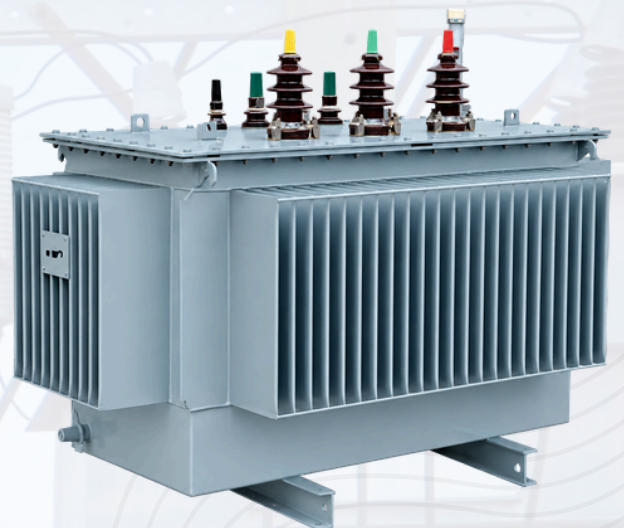
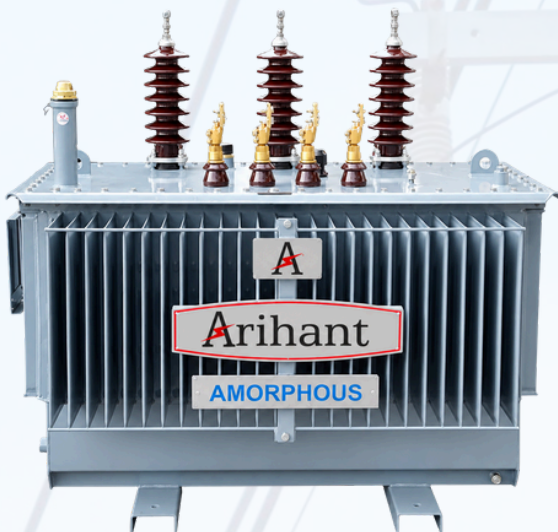
Unit Rating	10 KVA to 12.5 MVA
System Voltage	up to 33 KV



Low Loss Transformers

Product Range & Specification

Unit Rating	10 KVA to 12.5 MVA
System Voltage	up to 33 KV



Amorphous transformer

Product Range & Specification

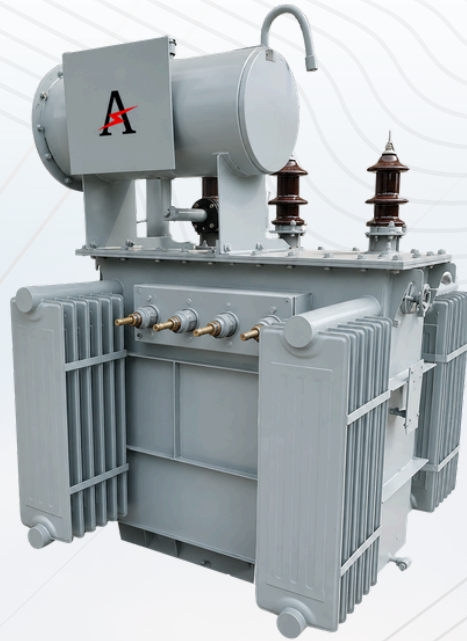
Unit Rating	100 KVA to 7.2 MVA
System Voltage	up to 33 KV

Industrial Transformers

These are used in various industries involved in Manufacturing of high voltage electrical equipments.

Product Range & Specification

Unit Rating	200 kVA 10MVA
System Voltage	11KV 22 KV 33 KV



Industry / Sector

- Power Generation Plants
- Transmission & Distribution
- Industrial Plants
- Substations
- Solar Power Plants
- Wind Power Projects
- Railways & Metro Projects
- Mining & Heavy Industries
- Infrastructure Projects

OLTC Transformers

These are utilised in areas prone to very frequent voltage fluctuations on HT side to avoid system trips.

Product Range & Specification

Unit Rating	100 KVA to 12.5 MVA
System Voltage	up to 33 KV



Industry / Sector

- Power Generation Plants
- Transmission & Distribution
- Power Substations
- Industrial Plants
- Large Infrastructure Projects
- Mining & Heavy Industries
- Railways & Metro Systems
- Renewable Energy Projects
- Utility & Grid Networks





Booster Transformers

Product Range & Specification	
Unit Rating	Upto 500 KVA
System Voltage	up to 33 KV



Single Phase Transformers

Generally used for supplying single-phase supply in domestic consumption.

Product Range & Specification	
Unit Rating	10 KVA to 500 KVA
System Voltage	up to 33 KV

Industry / Sector

- Solar Power Plants
- Battery Energy Storage Systems
- Renewable Energy Projects
- Grid-Connected Solar Systems
- Industrial Solar Installations
- Utility-Scale Solar Parks
- Commercial Solar Projects
- Power Conversion Systems



Inverter Duty Transformers

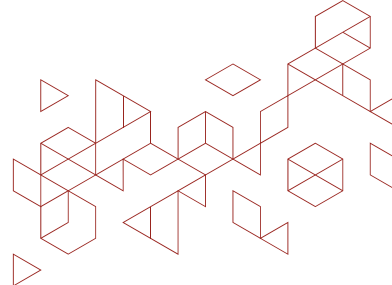
Inverter-duty transformers are used in Solar Power Generation Parks have multiple windings in a single transformer as per customer requirements.

Product Range & Specification	
Unit Rating	500 KVA to 17.5 MVA
System Voltage	up to 33 KV



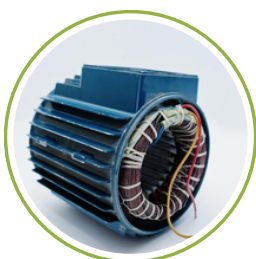
Research & Development

We are constantly working on developing new design based on improved grades of materials and the latest technology. We actively participate in various/ International Seminars to keep abreast of the latest developments in technology. Special tests are conducted on prototypes to improve the design for better performance in adverse operating conditions.



Core Building technology

The transformers are built with fully annealed cold-rolled grain-oriented (CRGO) Silicon laminations. Only the best grade, prime CRGO material is used by us. Full metered designs are Incorporated to minimise losses, magnetising current and noise.



Windings

The most suitable type of winding construction is adopted in our designs to give optimum performance in terms of thermal, mechanical and electrical stresses. These are:

- (a) Level Winding (b) Spiral (c) Crossover Type
- (d) Continuous disc type (e) Helical Type etc.

To minimise stray losses, conductors are suitably transported. When necessary, we use the "Progressive Transportation Technique"; whenever possible, Conductor insulation for Round Wire can be Super Enamel or Paper Covering. For rectangular strips, paper covering can be double layer, triple layer or multi-layer. Best grade/imported paper is used.

Core Coil Assembly

Full attention is paid to ensure robust construction. Radial spaces of pre-compressed board are interlocked with the axial blocks in dovetail-type joints. Parmali wood rings are used to ensure required mechanical and electrical strength, commensurate with the rating and voltage class of the Transformers. Suitable steel sections are used for core clamps, lifting brackets and base supports. These are tightened with the help of core studs/tie rods using lock nuts to make the whole assembly robust. HT loads are taken out of the SRBP tubes and clamped to a special 'PIE' (a) structure, which is attached to the core channel. LT leads are taken to the bushing terminals through an oiled Bus Bar and connected to the terminals through flexible jumpers.

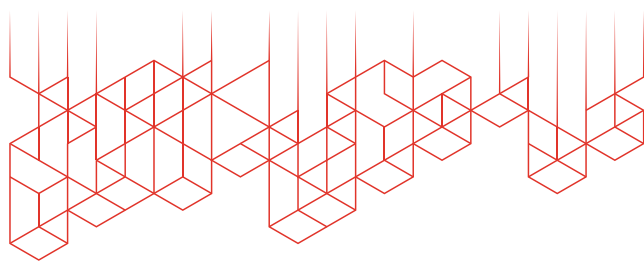


Tank & Painting

The Tanks are MS Fabricated and suitably stiffened. A high safety factor is kept, and suitable steel sections are used. Cooling is provided using radiators, made of Elliptical Tubes or Pressed Steel Fins. The radiators are generally welded to the tank, but can also be detachable. All tanks are tested for leakage by subjecting them to pressure above 10 PSI. Vacuum tests are also carried out to ensure robustness. Tanks and Radiators are cleaned by shot blasting, followed by proper surface treatment and paint. Expose burned paint is generally applied.

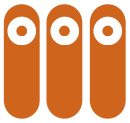
After-Sales Service

Should there be any complaint, our team of dynamic and well-trained technicians is promptly deputed to the site. Our commitment is to ensure a long and trouble-free operation of the Transformers and satisfaction for the customers.



Manufacturing Stages

01
Core
Building



02
Winding



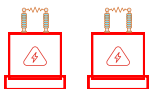
03
Preshrinking
of Coils



04
Core-Coil
Assembly



05
Drying & Vacuum
Impregnation



06
Tanking



07
Testing



08
Dispatch



Worked with Some of the Most Respected Brands



मध्य प्रदेश जल निगम मर्यादित
सरकार का उपक्रम

**Bihar Western
Railway**

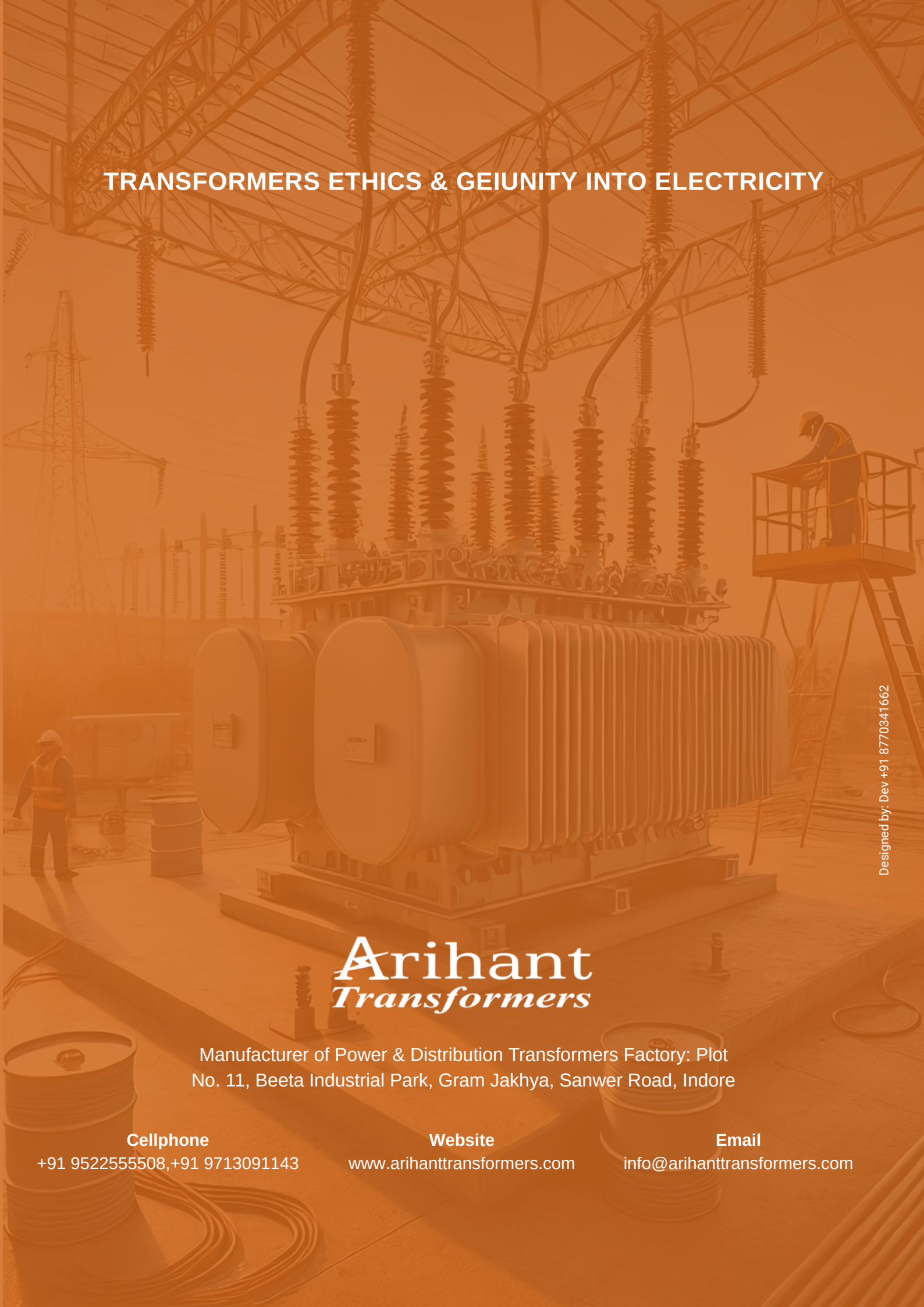


Samarth Devcon Pvt. Ltd.



Project Execution





TRANSFORMERS ETHICS & GEIUNITY INTO ELECTRICITY

Arihant *Transformers*

Manufacturer of Power & Distribution Transformers Factory: Plot
No. 11, Beeta Industrial Park, Gram Jakhya, Sanwer Road, Indore

Cellphone

+91 9522555508, +91 9713091143

Website

www.arihantransformers.com

Email

info@arihantransformers.com