VOLTA
TRANSFORMERS

Mfg By

Volta Green Energy Pvt. Ltd.

CIN U28229GJ2024PTC154125

Powering the Future with Reliable Transformers!

#PowerBeyondLimits

POOJA GROUP OF INDUSTRIES TRUST
SINCE 25 YEARS

BIS APPROVED

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Introduction of

Volta Transformers

- Welcome to Volta Transformers, a distinguished division of Volta Green Energy Pvt. Ltd., which has established itself as a leading manufacturer in the Indian transformers industry, producing high-quality transformers that meet both domestic and international standards.
- As an IS 1180: Part 1: 2014 and ISO 9001:2015 certified company, Volta Transformers is widely recognized for its commitment to quality, innovation, and prompt service. Our Corporate Identification Number (CIN) is U28229GJ2024PTC154125.
- We are located in Vadodara, Gujarat, where our plant specializes in manufacturing high-quality oil-filled power and distribution transformers, dry-type distribution transformers, solar and wind inverter duty transformers, furnace transformers, and compact substations, among others.
- Our success stems from a well-structured organization and a highly skilled workforce.
- With over 15 years of experience in transformers manufacturing and electrical work, we are part of the Pooja Group of Industries, serving over 500 satisfied customers. Our company is managed by a team of highly qualified engineers and supervisors, ensuring reliability and excellence in every product.
- At Volta Transformers, we operate with transparency, commitment, and integrity—values that extend not only within our organization but also to our business partners and valued customers

OUR VISION

Sustainable Innovation in Transformers Manufacturing

To design, manufacture, and supply high-quality, eco-friendly transformers that meet the evolving needs of our customers while minimizing environmental impact.

OUR MISSION

Leading the Future of Sustainable Transformers Solutions

To become a global leader in innovative, sustainable transformers solutions, empowering industries and communities worldwide.

PLANT AREA

- Our Vadodara unit is recognized as a reliable hub for transformers manufacturing.
- Advised by expert engineers and supported by a vibrant team of young professionals, we maintain high standards.
- The campus spans over 10,000 sq. ft., incorporating contemporary offices, storage units, a canteen, and eco-friendly infrastructure for the future.

TESTING & QUALITY CONTROL

- Our in-house testing facility complies with top industry standards.
- We perform transformers tests up to 25 MVA, 66 kV class, following IS 1180: Part 1: 2014 standards.
- Every Volta Transformers product ensures superior safety, reliability, and efficiency.
- Volta Transformers guarantees top-notch testing and quality control, adhering to industry standards.

15+ YEARS OF EXPERIENCE

500+ SATISFIED CUSTOMERS

ISO 9001:2015 CERTIFIED

25 MVA, 66 KV CLASS PRODUCTION

Distribution Transformers

When it comes to distribution transformers in India, Volta Transformers stands out as a trusted and reliable partner. Our commitment to quality, customization, energy efficiency, and exceptional customer service sets us apart. Whether you need a single-phase or three-phase distribution transformers, oil-immersed or dry-type, we have the expertise and product range to fulfill your requirements.

25 KVA to 10 MVA

Voltage Class: 1.1kV, 2.2kV, 3.3kV, 6.6kV, 6.9kV, 11kV, 12.47kV, 13.2kV, 13.8kV, 15kV, 22kV, 25kV, 33kV, 34.5kV, 66kV, 69kV (Customised classes available as per requirements)

Low Voltage Class: 380 V, 400 V, 415 V, 433 V, 440 V (Customised classes available as per requirements)

Cooling: ONAN

Tap Changer: OCTC, OLTC

Power Transformers

Power transformers are crucial for stepping up or stepping down voltage in power transmission networks. These transformers are designed to handle high power loads and ensure efficient electricity distribution across long distances.

1 MVA to 25 MVA

Voltage Class: 1.1kV, 2.2kV, 3.3kV, 6.6kV, 6.9kV, 11kV, 12.47kV, 13.2kV, 13.8kV, 15kV, 22kV, 25kV, 33kV, 34.5kV, 66kV, 69kV)

Low Voltage Class: 380 V, 400 V, 415 V, 433 V, 440 V (Customised classes available as per requirements)

Cooling: ONAN

Tap Changer: OCTC, OLTC

Solar / Wind Inverter Duty Transformers

The solar inverter duty transformers and wind inverter duty transformers play a vital role in converting the low voltage generated by solar panels or wind turbines into a high voltage suitable for feeding into the power grid. These transformers, also known as Converter Duty or Inverter Duty Transformers, are specifically designed to handle the unique requirements and challenges associated with renewable energy sources.

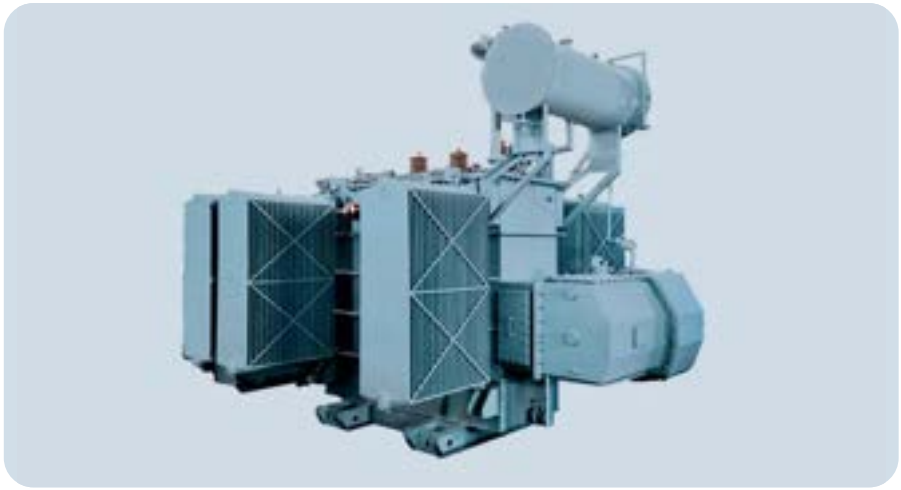
100 KVA to 20 MVA

High Voltage: 11 kV to 33 kV
(Customised classes available as per requirements)

Low Voltage: 380 V, 400 V, 415 V, 433 V, 440 V, 600 V, 800 V
(Customised classes available as per requirements)

Cooling: ONAN

Tap Changer: OCTC, OLTC



Furnace Transformers

Furnace transformers are an essential component in industries that rely on electric heating, such as steel manufacturing, aluminium smelting, and foundries. These transformers are designed to withstand high currents and fluctuating loads associated with electric furnaces.

250 KVA to 20 MVA

Voltage Class: 433 V, 3.3 kV, 6.6 kV, 11 kV, 22 kV, 33 kV
(Customised classes available as per requirements)

Low Voltage: 400 V, 440V, 500V, 575V, 750V, 800V, 1000V
(Customised classes available as per requirements)

Cooling: ONAN, ONAF, OFAF, ONWF, OFWF

Tap Changer: OCTC, OLTC

Dry Type Transformers

Dry-type transformers are widely used in commercial and industrial applications where safety, fire resistance, and low maintenance are essential. These transformers do not use liquid insulation and are instead cooled by air, making them ideal for indoor applications.

100 KVA to 4 MVA

Voltage Class: 1.1kV, 2.2kV, 3.3kV, 6.6kV, 6.9kV, 11kV, 12.47kV, 13.2kV, 13.8kV, 15kV, 22kV, 25kV, 33kV, 34.5kV
(Customised classes available as per requirements)

Low Voltage: 380 V, 400 V, 415 V, 433 V, 440 V, 600 V
(Customised classes available as per requirements)

Cooling: AN, ANAF

Tap Changer: OCTC, OLTC

Compact Substation

A compact substation (CSS) is a factory-assembled unit that includes a medium-voltage switchgear, a transformers, and a low-voltage distribution panel, all enclosed in a compact structure. These substations are widely used in urban power distribution networks, renewable energy plants, and industrial facilities.

100 KVA to 4 MVA

Voltage Class: 11kV, 22kV, 33kV
(Customised classes available as per requirements)

Low Voltage: 380 V, 400 V, 415 V, 433 V, 440 V
(Customised classes available as per requirements)

Cooling: AN, ONAN

Tap Changer: OCTC, OLTC

Hermetically Sealed Transformers

Hermetically sealed transformers, also known as Corrugated Transformers, function similarly to conventional transformers but differ in construction. The primary tank is built with corrugated fins and MS steel, providing an extended cooling surface to prevent overheating during operation. The integration of these corrugated fins increases the surface area, aiding in heat dissipation. Once welded, these fins become an integral part of the transformers's tank structure, ensuring mechanical strength and durability.

50 KVA to 5 MVA

Voltage Class: 1.1kV, 2.2kV, 3.3kV, 6.6kV, 6.9kV, 11kV, 12.47kV, 13.2kV, 13.8kV, 15kV, 22kV, 25kV, 33kV, 34.5kV, 66kV, 69kV (Customised classes available as per requirements)

Low Voltage Class: 380 V, 400 V, 415 V, 433 V, 440 V, 600 V, 690 V (Customised classes available as per requirements)

Cooling: ONAN

Pad-Mounted Transformers

Volta transformers manufactures a comprehensive range of liquid-filled, three-phase pad-mounted transformers designed for underground power distribution.

Designed for outdoor installations, these transformers are mounted on concrete pads and serve commercial, industrial, & institutional power loads. They are built using high-grade materials and advanced engineering techniques, ensuring long-lasting and reliable performance.

100 KVA to 5 MVA

Voltage Class: 12.47 kV, 13.2kV, 13.8kV, 34.5kV (Customised classes available as per requirements)

Low Voltage Class: 380 V, 400 V, 415 V, 433 V, 440 V, 600 V, 690 V (Customised classes available as per requirements)

Cooling: ONAN

Neutral Transformers

Neutral transformers play a crucial role in automatic voltage regulation, particularly in residential and commercial settings. Volta Transformers offers high-quality automatic voltage stabilizers integrated with neutral transformers to provide a consistent voltage supply.

Step-Down Transformers

Step-down transformers are integral components in power distribution systems, reducing high voltage levels to usable lower voltages. Volta Transformers manufactures high-quality step-up and step-down transformers to meet diverse industry needs.

Isolation Transformers

Isolation transformers provide electrical separation between the primary and secondary circuits, ensuring enhanced safety and noise reduction. These transformers are essential for isolating sensitive equipment from voltage fluctuations, preventing earth faults, and maintaining operational efficiency.

CERTIFICATES

INDUSTRIES WE SERVE

PETRO-CHEMICAL INDUSTRIES | AUTOMOBILE INDUSTRIES | PHARMACEUTICAL INDUSTRIES | HOSPITALS | TEXTILE INDUSTRIES | HOTELS | PLASTIC INDUSTRIES | SHOPPING MALLS | MINING INDUSTRIES | HIGH RISE BUILDINGS | CEMENT INDUSTRIES | HEAVY INDUSTRIES | STEEL INDUSTRIES | MANUFACTURING INDUSTRIES | HYDRO POWER PROJECTS | SOLAR POWER PROJECTS | WIND POWER PROJECTS | OIL & GAS PLANTS | REFINERIES | TUNNEL PROJECTS | CONSTRUCTION PROJECTS | HIGHWAY CONSTRUCTION PROJECTS

QUALITY ASSURANCE

Commitment to Excellence in Transformers Quality

- At Volta Transformers, we uphold a strong quality culture, positioning ourselves as market leaders in transformers design, manufacturing, and supply.
- We continuously enhance customer satisfaction through constant quality improvements and employee training, driving exceptional business results.
- Quality is not just a feature of our products—it is deeply ingrained in our manufacturing process.
- Our manufacturing plant is certified under ISO 9001:2015 Quality Management Systems, demonstrating our commitment to excellence.

INSIDE THE **VOLTA TRANSFORMERS FACTORY**











“ Together, **We Create Excellence!** ”

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CIN U28229GJ2024PTC154125

REGISTERED OFFICE

New Block No :- 103, Plot No :-01,
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GSTIN 24AAKCV3586B1ZA

MANUFACTURING UNIT.

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