

“ऊर्जा शक्ति जनयति, शक्ति प्रगतिकारिणी, प्रगति गर्व
ददाति - सौहार्देन, ऐक्येन, विश्वासेन च सुदृढम्।

SINGLE PHASE PAD MOUNT TRANSFORMERS

Unitrans Power LLP offers complete line of liquid-filled single phase distribution transformers that meet applicable NEMA, ANSI, IEEE, CSA, UL and DOE standards.

We designs high-voltage transformers with capacities up to 250 kVA and voltage class 34.5 kV (150 kV BIL), ensuring dependable power delivery for utility distribution networks.

A transformer built with premium materials and advanced engineering design ensures long lasting and dependable performance.

Applicable Standard:	IEEE, ANSI, DOE, CSA
Type:	Loop Feed/ Radial Feed
Phase:	Single
Rated Capacity (kVA):	10, 15, 25, 37.5, 50, 75, 100, 167, 250
Primary Voltage (v)	4160GrdY/2400 to 34500GrdY/19920 *Dual voltages available
Secondary Voltage (v)	120-600
Frequency:	50Hz/60Hz
Winding Material:	Copper/Aluminum
Iron Core:	Silicon steel grain oriented core/ Amorphous alloy
Tap Changer:	5 Position/ 7 Position
Cooling:	ONAN/ KNAN
Dielectric Oil:	Mineral Oil/ FR3
Tank:	Stainless steel/ Mild steel
Accessories:	<ul style="list-style-type: none"> • Pad-lockable door handle • Lifting lugs • Pressure relief valve • Nitrogen blanket • Bayonet fuse with drip shield • Dead front well and insert • HV bushings • Paddle/spade or lug-connector type LV bushings • Other optional fittings

Thank you for contacting us for your transformer requirements. Our team will be glad to assist you with reliable, cost-effective, and timely solutions.



Our Advantages

-  **Quality You Can Trust:** ISO 9001:2015 certified, IEC/IEEE/ANSI/UL compliant
-  **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
-  **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 5-6 weeks.
-  **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
-  **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Our other products -

- Pole Mounted Transformers
- Cast Resin Transformer
- Vacuum Impregnated Transformer
- Sub-Station Transformer
- LV VPI Transformers
- Solar Transformers



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PAD MOUNT TRANSFORMERS

Unitrans Power LLP offers complete line of liquid-filled three phase distribution transformers that meet applicable NEMA, ANSI, IEEE, cUL, UL and DOE standards.

We designs high-voltage transformers with capacities up to 5000 kVA and voltage class 36 kV, ensuring dependable power delivery for data centers and utility distribution networks.

A transformer built with premium materials and advanced engineering design ensures long lasting and dependable performance.



Our Advantages



Quality You Can Trust: ISO 9001:2015 certified, IEC/IEEE/ANSI/UL compliant



Cost-Effectiveness: In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.



On-Time, Every Time: Complete in-house control enables dependable delivery of standard transformers within 5–6 weeks.



After-Sales Support & Warranty: Strong warranty, readily available spares & extended options ensure long-term confidence.



Global Logistics Advantage: Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Rating	Up to 5000 kVA
Frequency	50 Hz or 60 Hz
Cooling Class	ONAN, ONAF or OFAF
Temperature Rise	60°C, 55/65°C
Insulating Fluid	Mineral Oil, FR3 or Ester Oil
High Voltage	480V - 36kV
Low Voltage	120/240 V - 660V
Winding Material	Aluminum, Copper

Our other products -

- **Pole Mounted Transformers**
- **Cast Resin Transformer**
- **Vaccum Impregnated Transformer**
- **Sub-Station Transformer**
- **LV VPI Transformers**
- **Solar Transformers**



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SINGLE PHASE POLE MOUNT TRANSFORMERS

Unitrans Power LLP offers complete line of liquid-filled single phase distribution transformers that meet applicable NEMA, ANSI, IEEE, CSA and DOE standards.

We designs high-voltage transformers with capacities up to 250 kVA and voltage class 34.5 kV (150 kV BIL), ensuring dependable power delivery for utility distribution networks.

A transformer built with premium materials and advanced engineering design ensures long lasting and dependable performance.



Our Advantages

-  **Quality You Can Trust:** ISO 9001:2015 certified, IEC/IEEE/ANSI/UL compliant
-  **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
-  **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 5–6 weeks.
-  **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
-  **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Applicable Standard:	IEEE, ANSI, DOE, CSA
Type:	Loop Feed/ Radial Feed
Phase:	Single
Rated Capacity (kVA):	10, 15, 25, 37.5, 50, 75, 100, 167, 250
Primary Voltage (v)	4160GrdY/2400 to 34500GrdY/19920 *Dual voltages available
Secondary Voltage (v)	120-600
Frequency:	50Hz/60Hz
Winding Material:	Copper/Aluminum
Iron Core:	Silicon steel grain oriented core/ Amorphous alloy
Tap Changer:	5 Position/ 7 Position
Cooling:	ONAN/ KNAN
Dielectric Oil:	Mineral Oil/ FR3
Tank:	Stainless steel/ Mild steel

Our other products -

- **Pad Mounted Transformers**
- **Cast Resin Transformer**
- **Vaccum Impregnated Transformer**
- **Sub-Station Transformer**
- **LV VPI Transformers**
- **Solar Transformers**



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DRY (CAST RESIN) TRANSFORMERS

Unitrans Power LLP offers a complete range of dry-type (Cast Resin) distribution transformers meeting IS, NEMA, ANSI, IEEE, and ISO standards. Designed up to 5000 kVA and 36 kV, they ensure dependable power for data centers, utilities, and industrial networks.

With primary and secondary windings encapsulated in epoxy resin, these transformers provide superior insulation, thermal performance, and protection against moisture and dust. Built with premium materials and advanced engineering, they deliver long-lasting reliability. Optional metal enclosures up to IP55 (equivalent to NEMA 3R/4X) safeguard against dust and rain, ensuring durability in demanding environments.



Our Advantages

-  **Quality You Can Trust:** ISO 9001:2015 certified, IS/IEC/ANSI/IEEE compliant
-  **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
-  **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 4-5 weeks.
-  **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
-  **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Rating	Up to 5000 kVA
Frequency	50 Hz or 60 Hz
Cooling Class	ANAF or AN
Temperature Rise	60°C, 55/65°C
High Voltage	480V - 36kV
Low Voltage	120/240 V - 660V
Winding Material	Aluminum, Copper

Our other products -

- **Pad Mounted Transformers**
- **Pole Mounted Transformers**
- **Vaccum Impregnated Transformer**
- **Sub-Station Transformer**
- **LV VPI Transformers**
- **Solar Transformers**



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LOW VOLTAGE TRANSFORMERS

Unitrans Power offers complete line of Single phase & three phase distribution Dry transformers that complies to IS, NEMA, ANSI, IEEE and DOE standards.

Unitrans Power designs Low-voltage transformers with capacities up to 500 kVA based on the client specification and variable applications.

A transformer built with premium materials and advanced engineering design ensures long lasting and dependable performance.

Phase: Single / Three

Sizes: Up to 500 kVA

Frequency: 50 Hz or 60 Hz

Cooling Class: ONAN

Temperature Rise: 65°C, 55/65°C

Construction: Open / Enclosed

Primary Voltage: 120/240/415/480/600 V AC

Secondary Voltage: As per Client requirement

Winding Material: Aluminum, Copper

Insulation: B/F/H/R



Our Advantages

-  **Quality You Can Trust:** ISO 9001:2015 certified, IEC/IEEE/ANSI/IS compliant
-  **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
-  **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 5–6 weeks.
-  **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
-  **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Our other products -

- **Pad Mounted Transformers**
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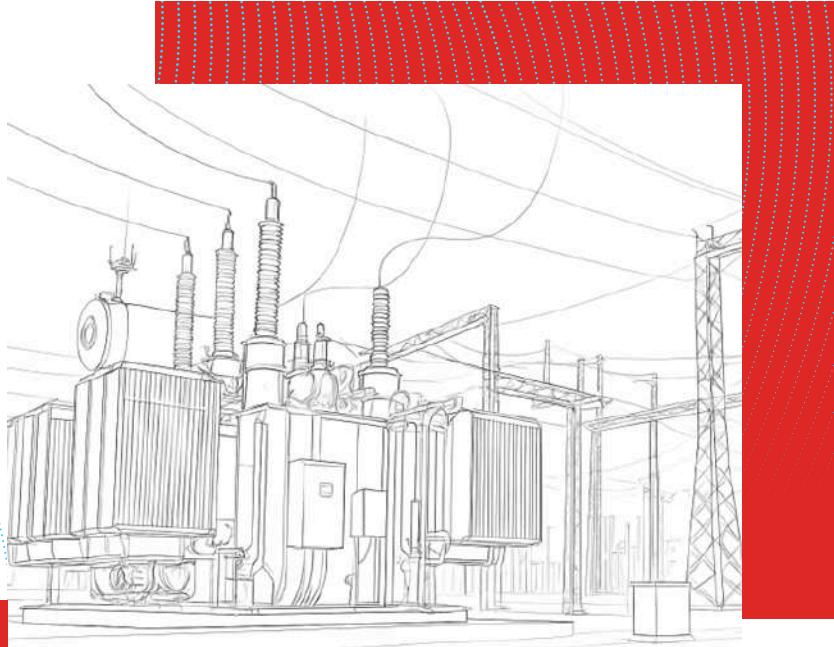
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Sub-Station / Power Transformers

Unitrans Power LLP manufactures a complete range of oil-immersed sub-station transformers designed and tested in accordance with IS, IEC, ANSI, IEEE, NEMA, CSA, and ISO standards. Available up to 20 MVA capacity and 66 kV voltage class, these transformers ensure efficient and reliable power delivery for utilities, industries, and infrastructure networks. Built with high-grade materials, precision-engineered windings, and robust tank construction, they deliver high efficiency, low losses, and long service life.

As the heart of every substation, our transformers are engineered for step-up and step-down applications with both On-Load Tap Changers (OLTC) and Off-Circuit Tap Switches. Each unit is designed for safe handling, leak-proof operation, and dependable performance under all conditions, with careful attention to quality, safety, and environmental aspects to meet global expectations.



Our Advantages

-  **Quality You Can Trust:** ISO 9001:2015 certified, IEC/IEEE/ANSI/UL compliant
-  **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
-  **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 5–6 weeks.
-  **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
-  **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Rating	Up to 20 MVA
Voltage Class	Up to 66 kV (or customer-specific)
Vector Group	Dyn5, Dyn11, YNyn0 (or customer-specific)
Cooling Class	ONAN, ONAN/ONAF, KNAN, KNAN/KNF
Phase / Frequency	3 Phase, 50/60 Hz
Winding Material	Copper / Aluminum
Tap Changer	Off-Circuit or On-Load Tap Changer
Insulating Fluid	Natural Ester Oil, Synthetic Ester Oil, Mineral Oil

Our other products -

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- **LV VPI Transformers**
- **Solar Transformers**



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Solar Transformers

UniTrans Power LLP offers a range of high-efficiency Solar Transformers designed for reliable performance in solar power generation. Suitable for both inverter and grid-side applications, these transformers ensure optimal energy conversion, minimal losses, and excellent thermal performance under varying load conditions.

Available in distribution, inverter, and windmill configurations, they are engineered to handle harmonics and unbalanced inverter loads, support both step-up and step-down operations, and provide long service life through superior insulation and cooling systems. With flexible winding and vector configurations, UniTrans solar transformers are ideal for utility-scale, hybrid, and grid-tied solar systems.

Our Advantages

-  **Quality You Can Trust:** ISO 9001:2015 certified, IEC/IEEE/ANSI/UL compliant
-  **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
-  **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 5–6 weeks.
-  **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
-  **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

Applicable Standard	IS/IEC/BS
Range	Solar Application up to 10 MVA 3 winding & 5 Winding Inverter Transformer Wind Mill Application up to 5 MVA
Voltage	High Voltage – 3.3/6.6/11/22/33 kV Low Voltage – 350 to 800 V
Vector Group	Dyn1/Dyn11/ynd1/ynd11/Dd0 or as required
Winding Material	Copper or Aluminum
No Load / Load Loss	As per requirement
% Impedance	As per requirement
Insulation	Class A
Tapping	Off Circuit / On Load, as required
Frequency	50 / 60 Hz, as required
Termination	Bare Terminals / Cable box or as required

Our other products -

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- **Pole Mounted Transformers**
- **Cast Resin Transformer**
- **Vaccum Impregnated Transformer**
- **LV VPI Transformers**
- **Sub-Station Transformers**



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COMPACT SUB-STATION (CSS)

Unitrans Power LLP offers a complete range of Compact Substation (CSS) Transformers designed for safe, efficient, and reliable power distribution up to 33 kV. Each CSS is engineered to meet the demanding needs of modern power systems, combining performance, safety, and space efficiency in one integrated solution.

Unitrans CSS units incorporate the transformer, switchgear, and protection equipment within a single compact, factory-assembled enclosure — minimizing installation time and ensuring enhanced operational safety. These substations are ideally suited for urban infrastructure, commercial complexes, renewable energy projects, and industrial facilities where compact design and dependable performance are essential.

Design & Capability:

- Ratings up to 3,000 kVA (custom capacities on request)
- Dry-Type or Oil-Immersed transformer options
- Fully enclosed, weatherproof and tamper-proof design
- Operates up to 33 kV primary voltage
- Complies with IS 1180, IEC 60076, ANSI, and IEEE standards

Key Advantages:

- Compact Design for Space Optimization
- Quick and Hassle-Free Installation
- Enhanced Safety and Reliability
-

Each Compact Substation is built using premium-grade materials and advanced engineering, ensuring long-lasting, low-maintenance, and dependable performance under varying site and environmental conditions.

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Our Advantages

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- **Cost-Effectiveness:** In-house manufacturing and efficient processes ensure competitive pricing with low energy losses.
- **On-Time, Every Time:** Complete in-house control enables dependable delivery of standard transformers within 5–6 weeks.
- **After-Sales Support & Warranty:** Strong warranty, readily available spares & extended options ensure long-term confidence.
- **Global Logistics Advantage:** Proximity to major ports and trusted freight partners enable smooth worldwide exports.

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