UniTrans®
Power LLP



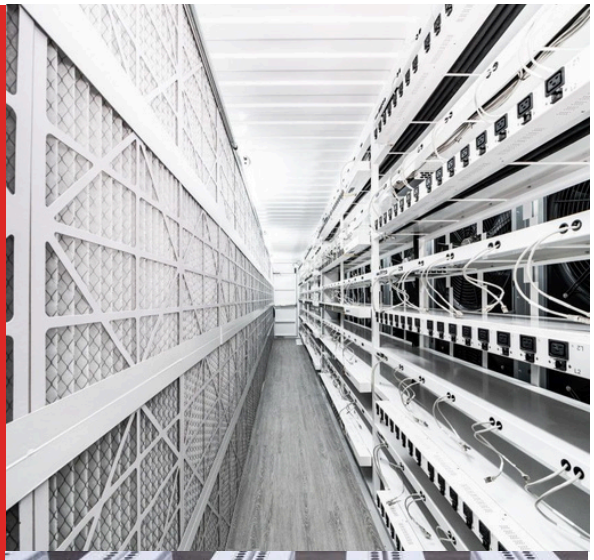
PRODUCT CATALOG

+91 77790 71648

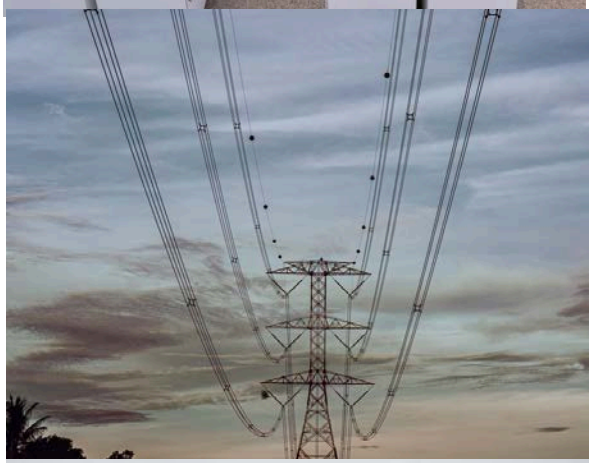
sales@unitranspower.com

Unitrans Power LLP, headquartered in Vadodara, is a leading manufacturer of high-quality transformers and electrical solutions, serving industrial, utility, and renewable energy sectors. With strong engineering expertise, we deliver both standard and customized solutions designed for reliable performance, even in demanding environments.

Our product range includes dry-type, pad-mounted, pole-mounted, solar, substation, and low-voltage transformers, along with a complete range of accessories and spares. We are committed to innovation, precision, and customer-focused service, providing safe, efficient, and dependable power solutions that support our clients' operational and sustainability goals.









- **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.



3 PH PAD MOUNT TRANSFORMERS

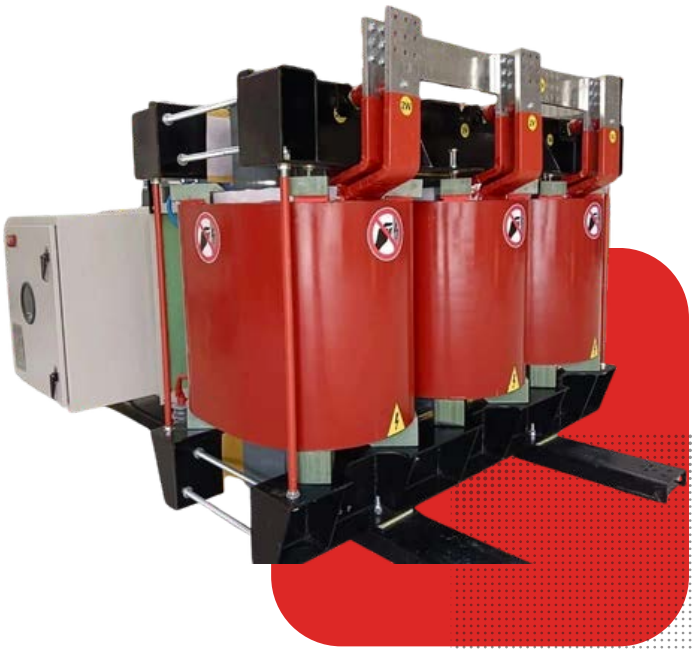
Unitrans Power LLP offers complete line of liquid-filled three phase distribution transformers that meet applicable NEMA. ANSI, IEEE, cUL, UL and DOE standards.

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.

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

DRY (CAST RESIN) TRANSFORMERS

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 - 660 V
Winding Material	Aluminium, Copper



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SINGLE PH PAD MOUNT TRANSFORMERS

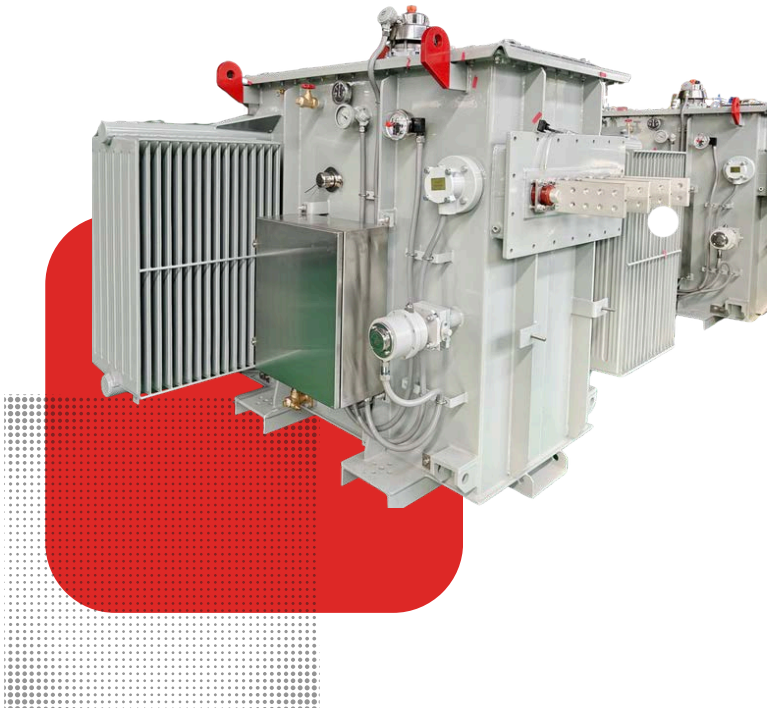
Applicable Standard	IEEE, ANSI, DOE, CSA
Type	Loop Feed / Radial Feed
Phase	Single
Rated Capacity (kVA)	10, 15, 25, 37.5, 50, 75, 100, 167, 250
Primary Voltage (V)	4160GrdY/2400 to 34500GrdY/19920 *Dual Voltages available
Secondary Voltage (V)	120 - 600
Frequency	50 Hz or 60 Hz
Winding Material	Aluminium, Copper
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

SINGLE PH POLE MOUNT TRANSFORMERS



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	50 Hz or 60 Hz
Winding Material	Aluminium, Copper
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

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SUB-STATION / POWER TRANSFORMERS

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/KNAF
Phase / Frequency	3 Phase, 50/60 Hz
Tap Changer	Off-circuit or On-load Tap Changer
Insulating Fluid	Mineral Oil, FR3 or Easter Oil
Winding Material	Aluminium Copper

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018

SOLAR TRANSFORMERS

Range	Solar application up to 10 mVA 3 winding & 5 winding Inverter Transformer Wind Mill Application up to 5 mVA
Voltage Class	High Voltage - 3.3/6.6/11/22/33 kV Low Voltage - 350 to 800 V
Vector Group	Dyn5, Dyn11, YNd1, YNd11, Dd0 (or customer specific)
No Load / Load Loss	As per specific requirement
% Impedance	As per specific requirement
Insulation	Class A
Tapping	Off Circuit / On Load (or customer specific)
Winding Material	Aluminium, Copper
Frequency	50 Hz or 60 Hz
Termination	Bare Terminals / Cable Box as required
Applicable Std.	IS/IEC/BS





LOW VOLTAGE TRANSFORMERS

Rating	Up to 500 kVA
Temperature Rise	60 °C, 55/65 °C
Construction	Open / Enclosed
Cooling Class	ONAN
Phase / Frequency	Single/Three Phase, 50/60 Hz
Primary Voltage	120/240/415/480/600 V AC
Secondary Voltage	As per Client Requirement
Winding Material	Aluminium, Copper
Insulation	B/F/H/R

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018



COMPACT SUB-STATION (CSS)

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
-

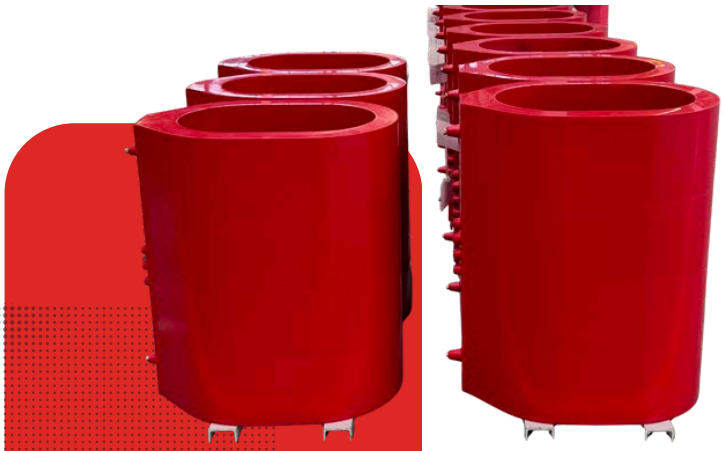
Each Compact Substation is built using premium-grade materials and advanced engineering, ensuring long-lasting, low-maintenance, and dependable performance under varying site and environmental conditions.



TRANSFORMER TANK & FIN WALL



LV & MV ENCLOSURES



COILS

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