

**PERFECT
PRECISE &
Power Technology**

iNDIAN
Transformers
and Electricals
Pvt. Ltd. Gurgaon



ISO:9001 • ISO:14001 • ISO:45001

Since
1990

www.itegurgaon.com
www.indiantransformers.com

TRANSFORMERS | COMPACT SUB-STATIONS | VCBs, LBS | LT & HT PANELS | STABILIZERS, AVRs

We offer
best quality
products to our
customers

**TRANSFORMING
CLEAN & EFFICIENT
POWER
WITH EXCELLENCE
SINCE 1990...**

...CONTINUOUS EFFORTS, EFFICIENT TEAMWORK
AND ETHICAL PRACTICES MAKING IT POSSIBLE

Since the inception of ITE Gurgaon, we have remained true to our vision of Perfection & Precision. At the core of this accomplishment, is our passion of efficacy and sustainability to every solution that we set out to provide. Holding this into vigorous consideration of the technological advancements, we are proud to illustrate our MAKE IN INDIA 'Maximize Product Mix' to match evolving and implied needs of our customers.

We offer best quality products to our customers

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We offer best quality products to our customers

about us

Indian Transformers and Electricals Pvt. Ltd, Gurgaon (ITE-Gurgaon) has remained a front-runner in upgrading technology & precision through persevering efforts for attaining perfection. We are a part of group of industries having diversified interest in the fields of textiles, shoe components (German Collaboration) and import-export

dedication

Our Vision

To become the most trusted major contributor in the power sector through quality products & energy efficient, eco-friendly solutions.

focus

Our Mission

Alongside our core activity of manufacturing, we provide diverse technical support in the field of electricity power. Utmost concern is accorded to customer satisfaction by offering customized solutions through state of the art technology, research & development under the supervision of qualified and dedicated engineers.

values

Creating Trust

We proudly hold high standard of work ethics. Respect and integrity are crucial in training of our team which is translated to the service provided to our customers.

We offer best quality products to our customers

product
& services

We are committed to enhance customer satisfaction as per the implied needs of the customers by offering Pre-Sale Services, Product Sales and Post-Sale Services.

pre-sales service

Understanding customer needs
Sharing our valued experiences
Offering customized solutions

product sales

Best quality product
Lower possible cost
Prompt delivery

post-sale service

Annual Maintenance Contract
Repairs
Stand-By Solution

We offer **best** quality products to our customers

Ultra modern plant & machinery equipped with latest testing facilities, operated by experienced and well qualified engineers / technicians. All our products are best designed & are supported with trusted vendors.

team

Experienced designers & engineers
Dedicated & skilled personnel
Highest integrity & utmost courtesy

infrastructure

State-of-the-Art plant
Equipments to meet all relevant Indian & international standards
Meets all necessary legal & social compliance

vendors

Competative and "Value Addition" capabilities
Ability to serve multiple clients
Material type testing by outside reputed labs
Good delivery compliance record.

We offer best **quality** products to our customers

Our quality products match up to the best product available in market. Each & every product manufactured undergoes strict inspections and testing.

will

Finding Solutions

Realizing the evolving needs of our customers to create effective solutions through our 'Maximize Product Mix' by offering the best solutions in the market

effort

The Right Design

Our team of dedicated engineers and designers plan and curate inspiring solutions with economic efficiency not just for current needs but ones that can overcome foreseeable challenges

determination

Production floor

We are always enthusiastic to translate unique ideas with the highest industry standards and codes. Our state of the art plant and team crafts products with steadfast skill.

competence

Ensuring Quality

Before we deliver our customized products, it must satisfy relevant standards of quality and dependability. Our stringent testing facility ensures that only the most robust products are delivered.

We offer best quality products to our customers

portfolio

All products are designed, manufactured and tested in the modern state-of-the-art facilities. It meet requirements of all relevant indian & international standards.



compact sub-stations

Unitized Sub-Station / Packaged Sub-Stations

transformers

Power | Distribution | Isolation | Ultra Isolation | Scott | Step Up | Step Down | Furnance Duty | Converter Duty | Rectifier | Dual Ratio | Dry Type | Solar / Inverter Duty | Built-in-HT AVR

switchgears

Vacuum Circuit Breakers (VCB)
Load Break Switches (LBS)

panels

LT Panels | APPC Panels | Synchronization Panels | Feeder Pillers

controllers / avr's

Servo Motor Operated Line Voltage Correctors (SVC) | Automatic Line Voltage Correctors | Static Voltage Controllers | HT-AVR's | LT-AVR's (Rolling Contact Type)

Transformers

- HV 33 / 22 / 11 / 6.6 / 3.3 KV or as per request
- LV 11 / 6.6 / 3.3 / 0.433 / 0.220 KV or as per request
- Single / Dual Ratio
- Three Phase, 50 / 60 HZ
- Filled with ISI marked Transformer Oil
- Insulation Class 'A' or as per request
- Oil Natural Air Natural (ONAN)
- Off Circuit / On Load Tap Changer with RTCC & AVR
- Tanks with Elliptical Tube Radiators / Pressed Steel Radiators / Corrugated Radiators
- Heavy Designs with Low Losses
- Accessories / Fittings as desired by customer
- In accordance with relevant IS, IEC, BS and ANSI Standards or as per request



Transformers up to 33 kV, 10 MVA

Power | Distribution | Step-up / down | Solar | Furnace | Isolation / Ultra Isolation | Converter Duty | Scott | Lighting | Rectifier | Dry Type | Dual Ratio | Inverter

Dry Transformers

- Ranging up to 3000 KVA Capacity
- Up to 33 KV Class
- Three-Phase, 50 / 60 Hz
- Single / Dual Ratio
- Naturally Cooled (AN) or Forced Air Cooled (ANAF)
- Sheet metal enclosure with vents for air circulation IP-23 or as per customer's requirement
- Accessories / Fittings as desired by customer
- Insulation Class F / H, others on request
- Applicable Standards IS: 2026 (Pt-11)/ IS:11171, IEC:60726
- Tap Changer: Off Circuit Tap Links / On Load Tap Changer (OLTC) with RTCC & AVR
- Temperature Sensors for alarm and trip protections



Dry Type Cast Resin / Vacuum Pressure Impregnation Transformers
upto 33kV, 3000 KVA

Furnace Transformers

- 6/12 Pulse having Vector group DYn11 for 6 pulse & DYn11 with DD0 for 12 pulse or as per requirement.
- Upto 33 KV Class (I/P-33,22,11,6.6,3.45,3.3,0.415 KV O/P-415, 433,460,480,525,575,2x575,2x600 V. Other voltage ratios also available as per requirement)
- Filled with ISI marked Transformer Oil.
- Naturally cooled (ONAN) or Forced Air Cooled (ONAF).
- Transformers are available with & without tap.
- Low losses, Heavier Designs than conventional designed transformers to accommodate harmonics generated in the system.
- Suitable for induction heating /melting & other applications.
- In accordance with IS, IEC, BS and ANSI Standards, others on request.
- Accessories/ Fittings as desired by customer.



Furnace Duty Transformers upto 6300 KVA.

Solar/Inverter Transformers

- Upto 33 KV Class (O/P-33,22,11,6.6,3.3 KV I/P-300,320, 380, 415, 433, 800 V. Other Voltage Ratios also available as per req.)
- Suitable for one, two & four inverter Inputs or as per req.
- Naturally cooled(ONAN) or Forced Air Cooled(ONAF).
- Suitable for Variable Frequency Drives (VFD), Adjustable frequency Drives (AFD), & Variable Speed Drives (VSD) applications
- Low losses, Heavier Designs than conventional designed transformers to accomodate harmonics generated in the system.
- Suitable for inverter duty / solar applications.
- In accordance with IS, IEC, BS and ANSI Standards, others on request.
- Accessories/ Fittings as desired by customer.



Solar / Inverter duty Transformers upto 6300 KVA.

Isolation Transformers

Phases	Single / Three
Voltage Ratio	Step-Up / Step-Down / 1:1
Voltage Regulation	2-4% for 100% change in current at unity P.F.
Connections	Delta/ Star for 3 phase
Operating Power Factor	0.75 lagging to 0.75 leading
Dielectric strength	2500V for 60 secs.
Insulation Resistance	Greater than 100 Mega Ohms
Coupling capacitance	0.1 pf for 100dB / 0.006 for 120db
Leakage current	less than 20 micro Amps.
Noise Attenuating Characteristics	Upto 100 / 120dB.



Isolation Transformers upto 3000 KVA

VCB

Vacuum Circuit Breakers

Nominal Voltage	Upto 36kv
Degree of Protection	Upto IP55
Operation sequence	0 -0.3 sec.-CO-3 Min.-CO
Opening Time (in mili secs.)	>30ms
Break time	>50ms
Full Load Switching Life (No. of Operations)	10,000
Closing Voltage	24V DC / 110V DC
Tripping Voltage	24V DC / 110V DC
Bus Bar	Aluminium or Copper
Auxiliary contacts wired to SD5	8 No. + 8 Nc



Vacuum Circuit Breakers upto 2000 amp. , 33kV

LBS

Load Break Switches

Rated Voltage	12KV	24Kv	36KV
Rated Current	400/630AMPS.	400/630AMPS.	400/630AMPS.
Permissible Service Volt	10-12 KV	22-24Kv	33-36KV
Rated Short time Current	26.3KA	26.3KA	26.3KA
Rated Making	65 KA(peak)	65KA(peak)	65KA(peak)
Type of Break	Air-Break	Air-Break	Air-Break
Rated Insulation Level	28KV / 75KV peak	50KV / 125KV peak	70KV / 170KV
Rated Frequency	50 HZ	50 HZ	50 HZ
No. of Poles	3	3	3
No. of Break / Poles	Single	Single	Single



Load Break Switches upto 800 amp., 33kV

Compact Sub - Stations

HV Compartment

- Load Break Switch with fuse trip & earth switch mechanism, shunt trip coil, HT HRC fuses
- Vacuum Circuit Breaker with metering & protection using current/potential transformers & relays
- Ring Main Units consists of Load Break Switches / Vacuum Circuit Breakers combination

Transformer Compartment

- Oil Filled Transformer
- Dry Type Transformer

LV Compartment

- LT Control Panel with ACB / MCCB or as per customer requirement

Compact Sub-Stations (Indoor / Outdoor) upto 36 kV, 2500 KVA

Controllers

HT-AVRs / LT AVR

- Up to 33 KV Class
- Output voltage 33 Kv, 11 KV, 0.433 KV or as per requirement.
- Three Phase, 50 / 60 HZ.
- 'A' Class Insulation
- Naturally cooled (ONAN) or Forced Air Cooled(ONAF).
- Filled with ISI marked Transformer Oil.
- Heavy Designs with Low Losses.
- Accessories/ Fittings as desired by customer.
- Compact Design
- In accordance with Relevant Standards



HT-AVRs up to 33 kV, 5000 KVA

Servo Voltage Controllers

Input 3 phase, upto 210-480 V (120-280 V in single phase) or as per customer's requirement
Output 3 phase, 380/400/415 V (220/230/240 V in single phase) or as per customer's requirement. Accuracy $\pm 1\%$ of set output voltage
High speed stepless correction upto 32v/sec. (phase to phase) depending upon the capacity & input voltage range or as per customer's requirement
Response time 10 m .Sec.
Frequency Range 47-53 hz
Compatible with both mains & DG supply
Efficiency > 98% in all models above 1.5 kva
Operating Temp. -5°C to 50°C
Suitable for both balanced / unbalanced Load & Voltage.
Oil Filled Type "ONAN" (Oil Natural Air Natural) cooled.
Transformer oil conforming to IS:335/1994 with latest amendments
Dry Type "AN" (Air Natural) cooled.
Conforming to IS : 9815/1994 or as per customer's requirement



Servo Voltage Controllers up to 2500 KVA

ALVC

Automatic Line Voltage Correctors

Input Voltage Range (1 phase)	Upto 110-280V AC or 140-280V AC
Output Voltage Range (1 phase)	200-240V AC
Operating Line Frequency	50 Hz +/- 3
Operating Temperature	0 °C to 50 °C
High Voltage Cut Off	250 Volts +/- 5V AC on output side
Low Voltage Cut Off	190 Volts +/- 5V AC on output side
Intelligent Time Delay	Settable 30 secs. to 3 minutes
Tap Selection	Through Electro-Mechanical Relays
Indications	Digital / LEDs
Input Cable	1.5 Metre length
Output	15 Amp., 3 Pin Socket upto 2 KVA 30 Amp. Terminal Block on above 3 KVA



Automatic Line Voltage Correctors upto 5 KVA

LV Panels

Application	Power Distribution
Construction	Modular & Fixed Type
Type	Drawout Type / Fixed Type
Max. Rated Current	Up to 6300 Amp., 70 KA
Rated Voltage	415/440 Volt
System Voltage	690 Volt
Ambient Temperature	50 °C
Degree Of Protection	Up to IP-65 or as per requirement
Busbar	Aluminium or Copper
Interleaved Design	Above 4000Amp.
PCC Panels are functionally colour coded for easy identification of feeder available on request	<ul style="list-style-type: none">a. Transformer I/C Feeder – Blueb. Diesel Generator Incomer Feeder – Orangec. Bus coupler Feeder – Off whitedd. O/G Feeder – Siemens Gray



LT Panels upto 6300 Amp.

APFC Panels

Application	Power Factor Correction
Construction	Modular / Fixed Type, Compartment/Non-Compartment
Type	Indoor / Outdoor
Range	Up 2000 KVAR with or without Detuned Reactors as per requirement
Rated Voltage	440/480/525 V
Ambient Temperature	50 °C
Degree Of Protection	Up to IP-54 or as per requirement
Busbar	Aluminium or Copper



APFC Panels upto 2000 KVAR

We offer best quality products to our customers

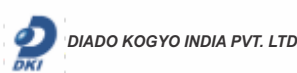
our clients



E-IN-C (Defence)



Roop Polymers



We offer best quality products to our customers

our clients



(Please see more on our website....)

We offer best quality products to our customers & more....

approvals, registrations & certifications



मानवः वयमग्रदीकः

Bureau of Indian Standards



Bureau of Energy Efficiency



Airport Authority of India



Central Public Works Department (CPWD)



Military Engineering Services (MES)



National Small Industries Corporation



Dakshin Haryana Bijli Vitran Nigam



Haryana State Industrial & Infrastructure Development Corporation Ltd



Mahanagar Telephon Nigam Limited



Micro Small & Medium Enterprises



Bharat Sanchar Nigam Limited



Directorate General of Married Accommodation Project



Container Corporation of India Limited



Government e Marketplace



Indian Railways



Engineering Export Promotion Council India



National Safety Council



Public Health Engineering Department (PHED)



Gurugram Metropolitan Development Authority



CRISIL

ISO : 9001 | ISO : 14001 | ISO : 45001

STATES / UTs

PLACES

- ANDAMAN NICOBAR
- ANDHRA PRADESH
- ASSAM
- BIHAR
- CHANDIGARH (U.T.)
- CHATTISGARH
- GOA
- GUJRAT
- HARYANA
- HIMACHAL
- JAMMU & KASHMIR
- JHARKHAND
- KARNATAKA
- KERLA
- MADHYA PRADESH
- MAHARASTRA
- MEHGHALAYA
- ODISHA
- PUNJAB
- RAJASTHAN
- SIKKIM
- TAMILNADU
- UTTAR PRADESH
- UTTRAKHAND

Delhi Tehri Chennai Sonipat Gandhi Nagar Allahabad Itanagar Hazipur Vaishali
 Bareilly Ahmedabad Kaanchepuram Asansol Sirsa Agartala Pithoragarh Vishakapatnam
 Aurangabad Bhusawal Baroda Ujjain Rohtak Chittorgarh Daryaganj Palam Siliguri
 Nasik Kurnool Tapukara Yamuna Nagar Patiala Kishanpur Pathankot Port Blait Bhubneshwar
 Bhuj Ranchi Thane Gurgaon Sagar Nagpur Tinsuknia Bidar Kohima Kotdwara Gabon
 Beawer Mumbai Sahibabad Jabalpur Kathua Rewari Shillong Pilkhuwa Barmer Silliguri Ajmer
 Amritsar Coimbatore Secunderabad Khurja Udhampur Jagdalpur Kathmandu Imphal
 Bhatinda Gaya Sasaram Ludhiana Abhohar Aligarh Ahmednagar Wardha Jaladhar Hisar
 Medak Sitarganj Pune Udhampur (J&K) Slicar Udaipur Mahendargarh Ranchi Damtal
 MuzzaFarpur Jalpaiguri Palwal Gwalior Meerut Mathura Bathinda
 Panipat Mohali Nabha Kutch Leh Binnagauri Kundli Greater Noida
 Chandigarh Panchkula Kolkatta Raipur Bhillai Sonipat Kangra Kharkhoda Rajouri (J&K)
 Jaislamer Sambalpur Narnaul Firozpur Bihar Ganganagar Keithalmanbi Bulandsehar
 Kochi Alipurduar Indore Pantnagar Tambaram Shimla Vasco Da Gama Kolkata Sonapat
 Gaziabad Hissar Rudrapur Kannur Haridwar Agra Hapur Noida Faridkot Sarsawa Tauru Garhwal
 Dehradun Khagaria Kharagpur Rudrapur Haridwar Agra Hapur Noida Faridkot Sarsawa
 Jaipur Bankura Thanjavur Rajsamand Barnala Basoli Pithoragarh Meerut Naraina Khorda
 Kishangarh Karnal Jalandhar Paschim Vihar Hyderabad Kurukshetra Bhiwadi
 Kanpur Janak puri Rohatak Hazaribagh Saharanpur Dimapur Kurukshetra Bhiwadi
 Tezpur Bangalore Dharbhanga Hajipur Binnaguri Gautambudh Nagar Aizwal
 Bardhaman Roorkee Bhopal Jorhat Guwahati Bikaner Rohtak Gurdaspur
 Daman Gorakhpur Kolar Solan Bundi Faridabad Rohini Bahadurgarh George Town
 Batala Belagavi Pallel Nalagarh Saharnpur Suratgarh Malda Shri Ganganagar Gohana Dibrugarh
 Shahjahanpur Jamnagar Nadbai Kota Valsad Lucknow Jaisalmer Jammu Hanumangarh
 Pune Vadodra Jodhpur Baghpat Ghaziabad Valsad Lucknow Jaisalmer Jammu Hanumangarh
 Jhansi Port Blair Hardoi Kargil Fatehpur Howrah Akhnoor Guwahati Phalodi
 Ambala Imphal Kashipur Bhiwani Panonta Sahib

many more.....

EXPORTS: Nepal, Africa, Malaysia

CATEGORIES

- | | | | | |
|-----------------------|---------------------|-------------------|-----------------------|-----------------------|
| Agro Inds. | Colleges | Gases | Paint Industry | Shoe Inds. |
| Air Force | Construction | Glass | Para Military | Societies |
| Airports | Cosmetics | Govt. Coin Mint | Pharmaceuticals | Solar |
| Army | Defence | Hardware | Plyboard & Wood Inds. | Sports & Sports Goods |
| Automobiles | Electricals | Health Care | Polymers & Plastics | Stationery |
| Bakery | Electronics | Hospitals | Poultry | Steel Inds. |
| Banking & Insurances | Entertainment Inds. | Hotels | Printing | Stone Crushers |
| Beverages | Fertilizers | Institutions | Publishers | Sugar Mills |
| Builders & Developers | Flour Mills | IT Sector | Pulp & Paper | Telecom |
| Cement Plants | FMCG | Media | Railways | Textiles |
| Ceramic Inds. | Food & Beverages | Metals & Alloys | Restaurants | University |
| Chemicals Inds. | Footweares | Mining & Minerals | Rice Mills | Warehouses |
| Cold Storage | Furniture | Navy | Roadways | Water Supply |
| | Garment & Accessory | Opticals | Rubber Inds. | |
| | | Packaging | Schools | |

gallery





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ISO:9001 • ISO:14001 • ISO:45001



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® Regd. Trade Mark

We have no other unit/branch office except at above given address

Note : Specifications, Features & Information etc. given may vary & are subject to change without any prior notice & manufacturer is not liable for any loss and or damage due to any reason whatsoever. Our Scope of work limits upto design, manufacture, testing & despatch of our products at our works.(unloading, installation & commissioning etc. do not come under our scope of work)