



VISHTECH POWER PRIVATE LIMITED

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VISHTECH POWER PRIVATE LIMITED
ONE STOP SOLUTION FOR ALL YOUR POWER NEEDS

Vishtech Power Private Limited

Vishtech Power is Electrical Equipment Manufacturing Start-up Company based in India specialized in manufacturing of Electrical Distribution System using revolutionary cutting-edge technology and continuous innovations, we work towards "Engineering for Sustainable Growth of the Global Community" and commit ourselves towards contributing positively to the society.

We are specialized in manufacturing of SWITCHBOARD SYSTEMS and BUSWAY SYSTEMS, the range of switchboard system which we manufacture are, Low Voltage Switchboard (Up-to 415V), LV Solar Application Switchboard (Up-to 800V), Medium & High Voltage Switchboard System (up to 33 kV) and the range of busway system, Low Voltage Busway System (up-to 1000 V), Medium & High Voltage Busway System up-to 33 kV.



Our Mission

- Deliver quality products at competitive cost
- Empowering people.
- Encourage entrepreneurial spirit
- Preserve the environment

Our Values

- Customer Focus
- Competitiveness
- Entrepreneurial Spirit
- Ownership

Quality

- Quality Checks at every production stage.
- Conducted by experienced engineers.
- In-house and external inspections.
- ISO 9001 Quality Management System implemented.

Research and Development

- Prioritize research and innovation.
- Develop new functionalities and enhance production.
- High-performance systems and modern CAD software.
- Dedicated to teaching and skill development for team.

Vision

- Aim to be a global leader in products and services.
- Emphasize professional management for efficiency.
- Attract and empower talented professionals.
- Foster trust, caring, and continuous learning.
- Enhance value for employees and stakeholders.

Infrastructure

Manufacturing Facilities

Vishtech Power Private Limited, owns many states of art manufacturing plants for Manufacturing of Electrical Distribution equipments such as LT- HT Electrical Switchboard Systems and Electrical Busway systems manufacturing.



Key Features of our Plants

Modern Machinery

Our plants are equipped with latest technology, modern machineries such as Laser Cutting, CNC Bending, Laser Welding, TIG & MIG Welding, Nine Tank Pre Coating Process and Automated Assembly Lines to manufacture high quality products.

Design and Engineering Center

We have in house Design & Engineering Team of experienced professionals. equipped with Latest software and Powerful systems, we have Extensive design experience with past supplies.

In-house Testing Center

Our in-house testing center is having testing facility of continuity, load test, short circuit test, insulation resistance test and salt spray test.

Research and Development Center

We are committed to Research and innovation to find the solutions and ingredients of tomorrow. Developing new functionality and enhancing the productivity and capabilities of our products using High Configuration Computer systems, Morden CAD Software's and our engineering skills.





- Low Voltage Switchboard Systems
- Medium & High Voltage Switchboard Systems
- Low & High Voltage Busway System
- Medium & High Voltage Busway System
- Power Distribution Transformer
- Compact sub stations
- Diesel & Gas Power Generators
- Solar Power System

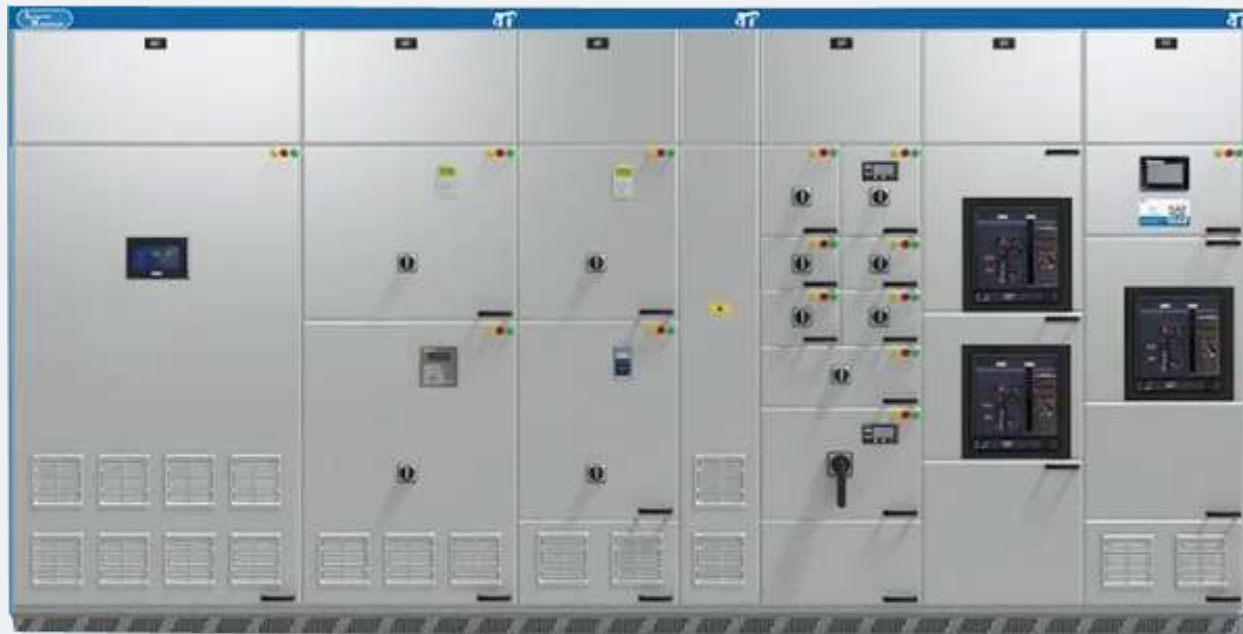
Our Product Partner



Electrical & Automation



Low Voltage Switchboard System



Our LV Switchboard systems are engineered for reliability and safety that provide efficient control and seamless power management for commercial and industrial applications. Designed to meet the highest industry standards, we ensure operational continuity, reduce downtime, and enhance energy efficiency. Trust in our systems to deliver the power and performance your operations demand.

Technical Information:

- PCC, MCC, APFC, VFD, DG Sync. /ACDB/PLC Panels, Feeder Pillars/Meter Board
- Rating up to 6300A with Aluminium or Copper Busbar
- PTTA and TTA Panels as per IEC-61439-1&2:2011
- Laser Cutting, fabricated fully Bolted & Modular design
- Form of separation – Form 1,2a,2b,3a,3b,4a,4b
- Fault ratings up to 95kA/1 sec.
- Environmental Protection IP-42, IP-52, IP-55, IP65
- Frame construction in 2mm GI Sheets

Medium & High Voltage Switchboard System



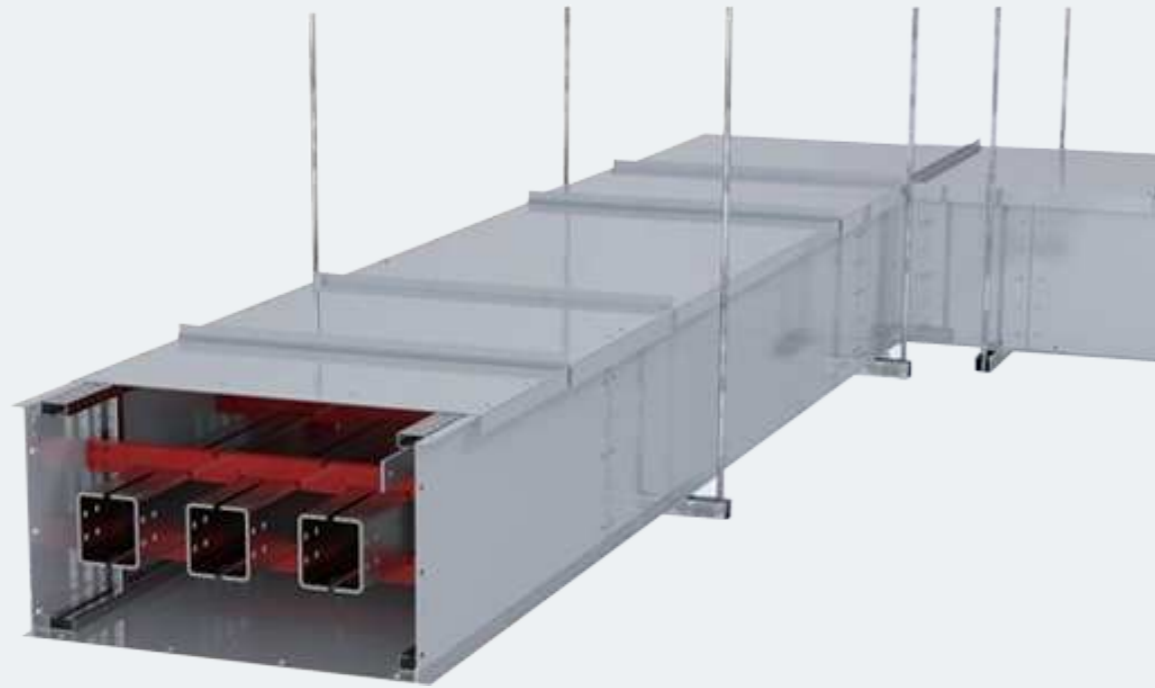
Our advanced MV switchboard systems are designed to provide reliable and efficient electrical distribution solutions for various applications. Engineered with precision, these systems ensure optimal performance, safety, and ease of use.

They feature robust construction, modular designs, and customizable configurations to meet the specific needs of industrial, commercial, and residential environments. With a focus on sustainability and innovation, our switchboards incorporate the latest technology to deliver energy efficiency and reduce operational costs, making them an ideal choice for modern electrical infrastructure.

Technical Information:

- 11kV & 33kV VCB Panels complied with standard IEC 62271-200:2003/ IS 3427:1997
- Rating up to 800A-3150A with copper or aluminium busbar
- Safe operation and reliable in wide range of temperature.
- Live parts covered by automatic shutter
- Laser Cutting, Fabricated fully Bolted & Modular design with accuracy
- Fault ratings of 26.3kA,31.5kA,40kA for 1sec. or 3sec.
- Environmental Protection IP-54, IP-55 (Indoor & Outdoor)

Medium & High Voltage Busway System



We offer a diverse array of medium voltage bus duct solutions, including both non-segregated and segregated phase configurations. Our products are manufactured and rigorously tested to comply with IEC 62271-200:2003 and IS 3427:1997 standards.

Designed for durability, our medium voltage bus ducts are space-efficient and provide improved cooling, along with customizable options to suit the specific needs of industrial, commercial, and residential settings. With a strong emphasis on sustainability and innovation, our switchboards utilize cutting-edge technology to enhance energy efficiency and lower operational costs, making them an excellent choice for contemporary electrical infrastructure.

Technical Information:

- 11kV & 33kV busways Phase Segregated and non-Phase Segregated Busways
- Complied with standard IEC 62271-200:2003/ IS 3427:1997
- Rated continuous current up to 6000 Amperes
- Rating up to 800A-6000A with copper or aluminium busbar
- Safe operation and reliable in wide range of temperature.
- Fault ratings of 26.3kA,31.5kA,50kA for 1sec. or 3sec.
- Environmental Protection IP-54, IP-55 (Indoor & Outdoor)
- Service temperature up to 50°C

Low Voltage Busway System



We provide a wide range of low voltage busway solutions, including sandwich busway, air-insulated busway, lighting busway, data centre track and rack busway. Our busway systems ensure efficient and reliable power distribution for various applications. Designed with a modular approach, they enable easy installation and expansion while prioritizing safety and energy efficiency. Perfect for modern infrastructures, these busways offer space-saving and cost-effective alternatives to traditional cable-based setups

Technical Information:

- Rating from 25A-6300A, Type tested IEC/EN 61439-1&6: 2011
- Short circuit withstand from 5kA to 120kA.
- Operational Voltage 230V up to 1000V
- IP-54,55 for Indoor & IP-65-66 for Outdoor
- Seismic compliance for zone-IV & V
- Lower impedance result in lower voltage drops against cables.
- Sturdy & Robust metal enclosure gives it high mechanical strength.
- 25 Nos. of Test verification as per IEC-61439-6

Power Distribution Transformer



Our power distribution transformers are expertly engineered to deliver reliable and efficient power for both commercial and industrial applications. Built with cutting-edge technology, these transformers provide exceptional performance and are designed to operate with minimal maintenance requirements.

Their robust construction ensures longevity and durability, making them suitable for demanding environments. With a focus on efficiency, our transformers help reduce operational costs while maintaining a consistent power supply. Whether for large facilities or complex industrial processes, our transformers are the ideal solution for enhancing your power distribution system.

Technical Information:

- Power Rating: 100 kVA to 5 MVA
- BIS STAR RATED
- 3.3 kV/415V
- Winding Material: Copper or aluminium
- Cooling Method: Oil-immersed and dry-type transformers.
- Insulation Class: up-to Class H.
- Standards: per IS 1180 (part 1): 1989, and IEC 60076.

Compact Sub Station



Our compact substations are engineered for efficient and reliable power distribution in space-constrained environments. Utilizing advanced technology, these modular units deliver exceptional performance while requiring minimal maintenance. With robust construction, our substations ensure durability and longevity, making them ideal for both urban and industrial applications. Their space-saving design facilitates easy integration into various settings, from commercial buildings to renewable energy projects.

By prioritizing energy efficiency, our compact substations help reduce operational costs while maintaining a stable power supply. Equipped with state-of-the-art transformers and protective devices, they offer an optimal solution for enhancing your power distribution system.

Technical Information:

- Compact, transportable design for traction power substations.
- Easy installation with straightforward cable setup.
- Quick setup: connect and power on.
- All-in-one container includes switchgear, transformer, and controllers.
- Advanced DC protection
- Compliant with IEC 61850
- Asset monitoring provides equipment status insights.
- Cloud connectivity for individual data access.
- Enhances energy efficiency and operational management.

Diesel & Gas Power Generators



We are a leading integrator of diesel and gas power generators, specializing in the design and assembly of custom power solutions utilizing a diverse range of engine makes, our expertise ensures that each system meets rigorous performance and reliability standards for a wide array of applications.

Technical Information:

- **Power Output:** Our generators range from 10 kW to 2000 kW, accommodating small to large power requirements.
- **Engine Types:** Integration of both diesel and natural gas engines, offering flexibility based on fuel availability and cost.
- **Control Systems:** Equipped with advanced digital control panels for real-time monitoring, remote management, and automatic load sharing.
- **Cooling Systems:** Air-cooled and liquid-cooled options available to optimize performance in various climates.
- **Compliance Standards:** Products meet or exceed international standards such as ISO 8528, EPA Tier 4, and CE certification, ensuring reliability and environmental responsibility.

Ring Main Unit - RMU



As a channel partner of Lauritz Knudsen Electrical & Automation, our role is to supply and support the innovative Ring Main Unit (RMU)—a leading solution in SF6 Gas Insulated switchgear. We are committed to providing our customers with high-quality products tailored to meet the demands of secondary distribution network switching operations.

The Lauritz Knudsen RMU is a compact, modular, and extendable switchgear solution featuring six vacuum interrupter-based circuit breakers. Designed for both safety and reliability, it operates efficiently under tough conditions of 12kV/17.5kV and can handle short-circuit currents of 21kA for 3 seconds.

Technical Information:

- Make: Lauritz Knudsen Electrical & Automation
- Type: SF6 Gas Insulated Switchgear
- Design: Compact, Modular, Extendable
- Voltage Ratings: 12kV, 17.5kV
- Short-Circuit Current: 21kA for 3 seconds
- Design: Outdoor Type
- Safety Features: Includes arc fault protection and live parts isolation.

Services

we are a leading Electrical Engineering, Procurement, and Construction (EPC) company dedicated to delivering comprehensive electrical solutions across various sectors. With years of experience and a team of skilled professionals, we provide high-quality services that meet the specific needs of our clients while ensuring safety, efficiency, and sustainability.



Service Offered

- **Renewable Energy Systems:** We design and implement solar, wind, and other renewable energy solutions, helping clients transition to sustainable energy sources.
- **Smart Grid Solutions:** Our expertise extends to developing smart grid technologies that enhance the efficiency, reliability, and sustainability of electrical distribution systems.
- **Industrial Electrical Solutions:** We cater to various industries, including manufacturing, oil and gas, and utilities, offering customized electrical solutions tailored to specific operational needs.

Why Choose Us?

- **Expertise:** Our team comprises industry professionals with extensive experience in electrical engineering and project management.
- **Safety First:** We prioritize safety in every project, adhering to strict safety regulations and best practices.
- **Client-Centric Approach:** We believe in collaborating closely with our clients to understand their unique requirements, ensuring that we deliver tailored solutions. Total conformance and timely supply of product to customer specified requirements.
- **Innovative Solutions:** We leverage cutting-edge technology and methodologies to deliver innovative and efficient electrical systems.
- **Total customer satisfaction** by means of continuous improvement of our products and service.
- **Continuously upgrading** quality systems and modernizing manufacturing facility.

Sectors We Serve



Malls & Complexes



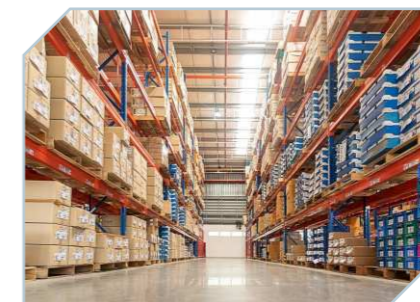
Corporate Offices



Residential



Hospitals



Warehouse



Data Center



Airports



Railway Stations



Wind Power Distribution



Stadium



Marine Distribution



Power Generation & Distribution System

Reference Project

Hospitals

- AllMS, New Delhi
- AllMS, Patna
- PGI, Chandigarh
- PDDUUHS, Karnal
- Acharya Bhikshu Hospital, New Delhi
- Bhimrao Multi Specialist Hospital, Nodia
- Kansli Ram Multi Specialist Hospital, Noida
- IGMH Hospital, Shimla
- DMCH Hospital, Darbhanga

Building

- Windlass River Valley, Dehradun
- IIT, Delhi, Ropar, Roorkee & Jammu
- IIM, Amritsar & Jammu
- Amity University, Mumbai
- Institute of Nano Science & Technology, Mohali
- KRC Towers, Hyderabad
- CBI Headquarter, Delhi
- IISER, Bhopal
- Bikaner Military Station, Rajasthan
- Central Academy of Police Training, Bhopal

Airport

- Lucknow Airport
- Kishangarh Airport
- Jaipur Airport

Railway And Metro

- DMRC, New Delhi
- Metro Prokect, Kanpur
- DMW, Patiala
- DDU, Mugalsarai

Stadium

- Thyagarajan Stadium, Delhi
- Sivaji Stadium, Delhi
- Ekana Stadium, Lucknow

Hotels

- Taj Hotel, Lucknow
- Holiday Inn, Zirakpur
- Holiday Inn, Lucknow
- KLG, Chandigarh

Data Centre

- MCN, Chennai
- SIFI, Hyderabad
- JDC Reliance Jio, Hyderabad
- JDC Reliance Jio, Udaipur
- Reliance Jio, Vikaspuri, Delhi

Industries

- Subros Limited, Ahmedabad
- Birla Textile Mill, Baddi
- Vardhman Textile, Bhopal
- TC Spinner, Lalru
- Satia Paper Mill, Muksar
- Khanna Paper Mill, Amritsar
- Cadbury, Pune & Chennai
- ATC Tyre, Visakhapatnam
- Mondelez International, Sircity
- GAIL, Pata
- Yokohama Tyres, Vizag, Visakhapatnam
- NTPC, Khargone
- Lupin Pharma, Indore
- Dr. Reddy, Hyderabad
- Excel Rubber Pvt. Ltd., Hyderabad
- Plasa Magen, Bangalore
- Volvo Eicher, Indore
- Spinmax Types, Hyderabad

Our Esteemed Clientage



and many more...