



WELLMAN POWER PVT LTD

Trusted partners for last mile electrification

ISO 9001:2015 Certified Company



Product Range of Wellman Power

- ⚡ Instrument Transformers – Oil Cooled
- ⚡ Instrument Transformers – Dry Type
- ⚡ Isolators / Disconnectors
- ⚡ Metering Cubicles
- ⚡ T&D hardware and accessories

Other Product Range

- ⚡ Power and Distribution Transformers
- ⚡ Package Substation
- ⚡ Solar Products
- ⚡ Earthing Material
- ⚡ Allied Electrical Products

www.wellmanpower.com

2014
ESTABLISHED



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Company Profile

Founded with a vision of being a prominent global player and a national leader, WPPL has established itself as one of the leading and most reliable manufacturers of Substation Equipments in India.

Our entire gamut of products include

- Instrument Transformers
- Isolators / Disconnecter Switches
- Power and Distribution Transformers
- Package Substation
- Metering Cubicles
- Solar Products
- Earthing Material
- T&D Hardware and accessories
- Other allied Electrical Products.

We sincerely believe that we are in a profession of energy saving through constant innovation and customization of products with timely service. Our products are rated as the most efficient with type test done from the most reputed testing labs. Company's manufacturing plants are strategically located at prime locations in Delhi/NCR near international airport with a total built area of 50,000 Sq Ft. Expansion plans are already in place to cater to the rapid increase in the demand of our clients from Power, Industrial and Infrastructure Sector and to further reduce the turn-around-time for delivery.

WPPL is an ISO 9001:2015 certified company. It has all the licenses and type test reports to supply Transformers, CTs, VTs, Isolators and other products within India and to international market.



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170kV

EHV
Range

33kV

Medium
Voltage Class

15+

Countries
Worldwide

Company has steadily increased its footprint to almost all states in India and abroad. The plant was initially set up to manufacture Medium Voltage Class Instrument Transformers (up to 33kV). Now, the group has grown to offer substation equipments in EHV range upto 170kV Voltage class. The new plant is equipped with latest equipments and testing machines including

- 350kV HV AC Test Set
- Autoclave
- Faraday Cage for PD Test
- Tan Delta Test
- Automatic Oil Flooding Station under vacuum
- Automatic Winding Machines in dust-free environment

The founders of the company are the alumnus of the most reputed colleges of India (IITs) with a combined technical experience of more than 25 years in electrical sector. The manufacturing division of the group has clocked more than 50% annual growth in sales with a significant portion of sales coming from export market.

Why Wellman Group

As the leading company in energy sector, Wellman Group plays a central role in national power supply network based on its reliability, efficiency and latest technologies. We have accumulated wealth of experience in manufacturing and implementation of best-in-class practices available in Electrical industry to provide the most trustworthy and durable products.

+ Qualified people manufacture quality products

Our professional and fully trained engineers and managers ensure your success with highly trained skills and careful management. In addition, our plant has all the manufacturing facilities and testing lab as per latest IEC standards so that we have the minimum lead time and maximum output. Every effort is made to ensure the product quality.

Exports

Recognising global customer needs and market trends, Wellman Group has made inroads into countries across the world with products and brands to meet different requirements.

With a wide presence in electrical industry globally, we have built a **strong network of reliable international channel partners**, authorized representative and distribution agencies across the globe supplying the entire gamut of electrical products, making us “One Stop Solution for your electrical needs”.

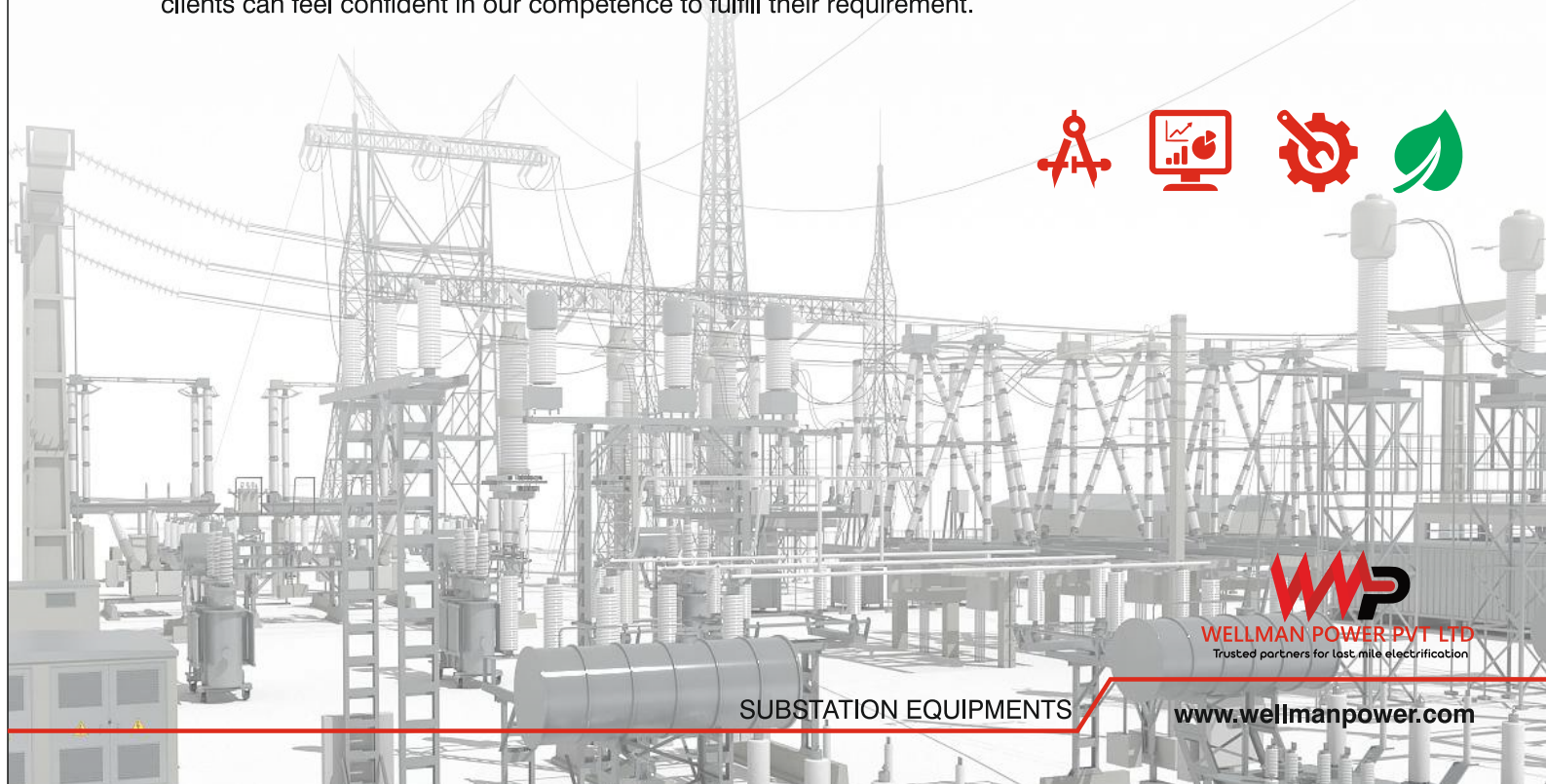
We enjoy presence in 4 continents and over 15+ countries through various distribution channels.

Our current business model supports local manufacturing for achieving stringent global quality standards and specifications, high service levels, customer satisfaction and reducing lead times. We serve many markets worldwide including Construction, Defense & Security, Energy & Power, Oil & Gas and many more.

“ Wellman Group is growing rapidly on both domestic & International front, and believes channel partner to be the backbone for this success. If you are active in the power industry and looking forward to be part of Wellman family, we'll be happy to welcome you on board. ”

ISO 9001:2015 Quality Management System

With ISO 9001 Registered Quality Management System, we are dedicated to meet our client requirements the first time, on-time and every time. We firmly abide by our ISO Certification, so that our clients can feel confident in our competence to fulfill their requirement.



SUBSTATION EQUIPMENTS



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INSTRUMENT TRANSFORMERS

CTs, VTs, Metering Equipments available from 11kV to 170kV Voltage Class (Oil Cooled)

We, at Wellman, pioneers in the design and manufacturing of Oil Cooled Instrument Transformers. We are one of the leading manufacturers in India with the installed capacity of more than 15000+ transformers in an year for medium voltage class (11kV, 25kV and 33kV).

We have recently grown vertically and successfully added 66kV, 132kV and 170kV Voltage Class instrument transformers to our product portfolio.

Our in-house design team is well equipped and capable of meeting stringent international standards and cater to the export market. All transformers are subjected to full routine tests as described in the relevant standards. Special provisions are made to carry out FAT inspections for international agencies.



Salient Features

- ⚡ 25000 + Instrument Transformers successfully commissioned
- ⚡ Compliance to all international standards : IEC, IEEE, ANSI, IS and other standards on request
- ⚡ Most advanced in-house testing facilities





INSTRUMENT TRANSFORMERS (DRY TYPE)

Dry Type CT & PT 11kV & 33kV Voltage Class

Wellman range of Dry Type Instrument Transformers includes Current and Voltage Transformers up to 33kV Voltage levels. Our transformers have installed and proven their quality since 2014, operating under harsh and challenging conditions all over the world.

All our products are type tested as per latest IS / IEC standards and are designed to meet the best international standards. Our new state-of-art plant manufacturers both indoor and outdoor Dry type CTs and PTs. High quality raw material from reputable suppliers ensures excellent product quality. In order to achieve partial discharge free insulation, the resin is mixed and poured under high vacuum and cured under controlled environment.



Salient Features

APPLICATION OUTDOOR	
Rated Voltage	11kV and 33kV
Rated Primary Current	5A to 1000A
Rated Secondary Current	1A, 5A
Rated Frequency	50Hz, 60Hz
Rated Burden	As per Customer Requirement
Accuracy Class	As per Customer Requirement
Standard	IS, IEC, ANSI

- ⚡ Mixing under vacuum to achieve void free casting
- ⚡ Partial Discharge Test available in house
- ⚡ Superior aesthetics, finishing and easy to install



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METERING CUBICLE

11kV & 33kV Voltage Class

Metering Cubicle is fabricated with MS sheet as per customer requirement . The panel is completely dust and vermin proof and totally enclosed. The panel, generally, has two compartments. The upper compartment houses trivector meter, energy meter with associated wiring and is called Meter Compartment. The lower compartment houses 11kV or 33kV resin cast dry CT and PT (WPPL make CTs and PTs) and is termed CT/PT Compartment.

Metering cubicle is cleaned suitably at the time of fabrication and goes through phosphating process using seven tank dipping procedure. Afterwards, it is treated to make the surface smooth and then powder coated as per latest IS specifications.

Metering cubicle has the provision of at least one lock and two sealing arrangements to ensure proper safety. In-house manufacturing of CT-PT significantly reduces lead time helping the customer to get all reports and inspections under one roof.



Salient Features

- ⚡ Easy Installation & Maintenance
- ⚡ In-house CT-PT manufacturing
- ⚡ Strict adherence to IP55 standards

Technical Data Sheet

Rated Voltage	11kV & 33kV
Rated Current	800A to 25A
Accuracy Class	0.5, 0.2, 0.2s
Burden	As per customer requirement
Frequency	50Hz
Standard	As per IS



DISTRIBUTION AND POWER TRANSFORMERS

Upto 20MVA 33kv Voltage Class

Our group company specializes in Design, Engineering, Manufacturing and service of HT & LT Transformers, PSS/USS, HT-LT Control Switchboards & varied energy efficient power & electrical equipments.

Our diverse product range covers requirements of all segments like Electricity Boards, Renewable Energy (Solar & Wind), Industrial, Educational, Hospitals, Real Estate and special purpose equipments. All our products are design and tested for 100% continuous duty loading, low losses and energy efficiency.

Transformers are manufactured in accordance to IS 1180 & IEC 76 for temperature rise, dielectric test & insulation levels. The overload withstand capacity of transformer is as per IEC 354.



Products Range

- Distribution Transformer (Range 25kVA to 3.15 MVA) - upto 36kV
- LT Transformer (Dry and Oil Type 10kVA - 1000kVA) - upto 1.1kV
- Dry Type Transformer (CRT & VPI) - (10kVA to 5000kVA) - upto 33kV
- Power Transformer (from 3.15MVA to 20MVA) - upto 36kV
- Special Purpose Transformer (Wind/Solar/Furnace/Rectifier/Multi Winding etc)
- Package Substation (Range 100kVA to 2000kVA) - upto 33kV

PACKAGE SUBSTATION (PSS/USS)

100kVA To 2500 kVA – Upto 33kV Voltage Class

We are specialises in manufacturing of fully equipped Package Substation (PSS). Our PSS is one of its kind substation which is designed in-house, factory-assembled and tested for quick installation and energization. We have accumulated wealth of experience in this field by collaborating and servicing clients from all industries

Package Substation offer a fully-integrated, single source option which saves time, cost and administration.

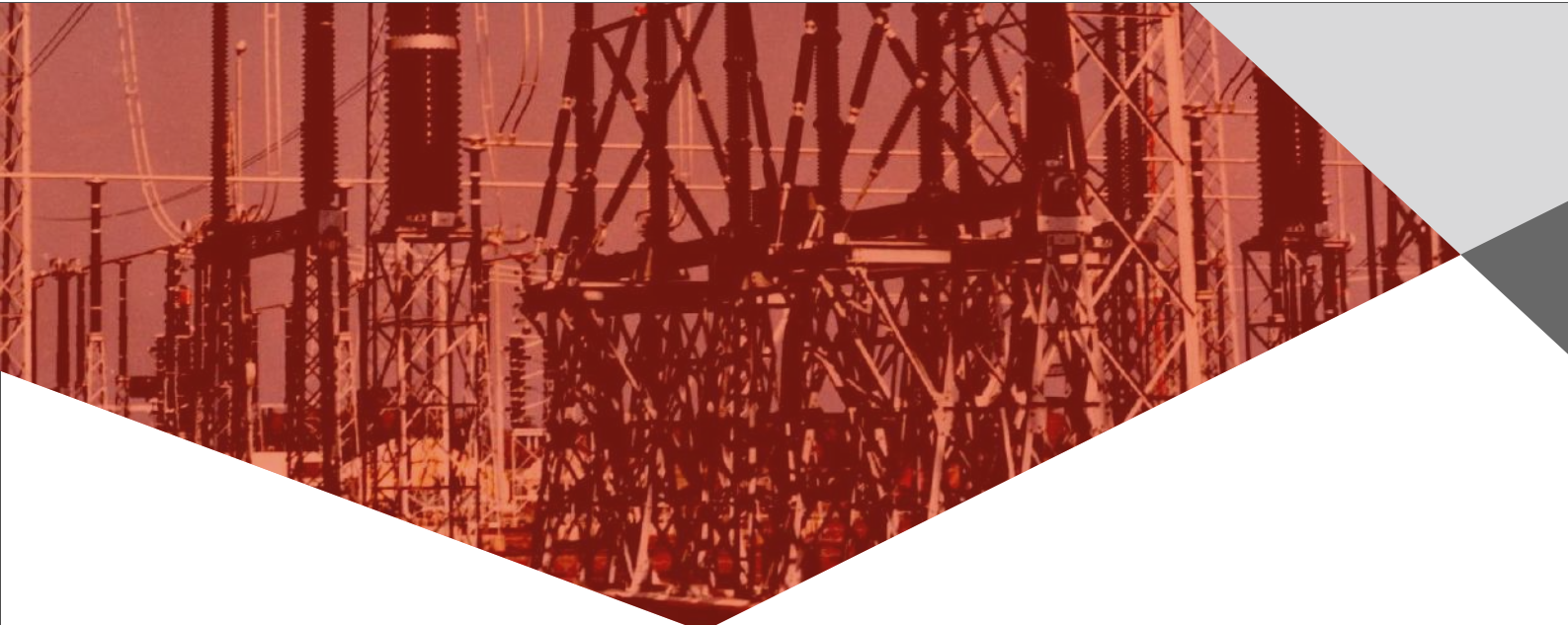


Each unit comprises of

- One hermetically sealed Transformer / Dry Type Transformer
- One metal clad SF6 / oil insulated ring main unit (1 way, 3 way)
- One metal clad low voltage distribution panel



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ISOLATORS / DISCONNECTOR SWITCH

Available from 11kV to 170kV Voltage Class

Isolators are generally used in electric substation for the purpose of completely de-energizing the electrical circuit for the purpose of maintenance or service. High-voltage isolation switches are used in electrical substations to allow isolation of apparatus such as circuit breakers, transformers and transmission lines for maintenance.

The Isolators can be provided with manual or motorized operating mechanisms. The turn and twist mechanism is tested adequately at our works making them site ready for erection immediately. Earthing switches shall be provided based on the requirements for the end customer.

Wellman Power manufactures two types of isolators

- Horizontal Centre Break
- Horizontal Double Break (Turn Twist or Bang Type)

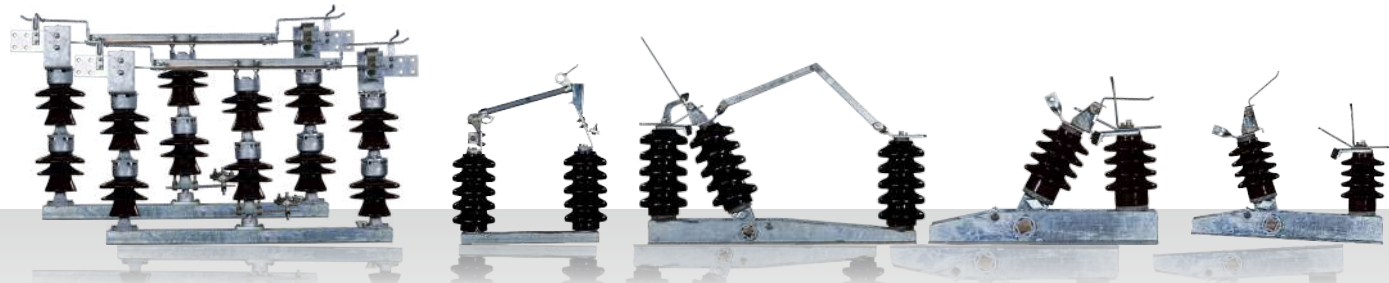
We use hot dip galvanized steel of high strength to ensure longevity and reliability of the product. The contacts of the Isolators from hard drawn copper and silver plated.

Technical Data Sheet	
Rated Voltage	upto 170kV Voltage Class
Rated Current	from 200A to 2000A
Rated Short Time Current	25kA / 31.5kA
Tensile Strength	As per Customer Requirement
Standard	IS, IEC



Salient Features

- ⚡ Robust and Reliable Design
- ⚡ Maintenance Free Product
- ⚡ Type Tested Design, Sound Supply Records





SOLAR POWER

The future lies in Solar Power since the traditional power is losing its steam. Sun Energy is free and is most readily available in tropical countries. It is a long term investment with practically zero maintenance cost. A one-time investment in solar solution will help you protect from future increment in traditional power costs. Solar power is reliable, dependable and most importantly, cost efficient.



Solar Panels

Our solar panels are best in class and comes in wide range from 50 Wp - 400 Wp. The solar panels can be customised as per requirements as per the application be it for a street lights or for solar power plants. Solar panels both with mono crystalline and poly crystalline cells comes with a performance warranty of 25 years which ensures peace of mind for the customer. Our solar panels complies will all relevant IEC certifications for safety and performance.

Inverters/ PCU

Our high quality Power Conditioning Units (PCU) are MPPT based smart inverters that are capable of bi-directional power flow. One can also set priority between solar array/ grid/ battery. It is also grid synchronising and can operate in parallel with the grid electricity supply. The inverters are highly efficient with efficiency > 90%

We manufacture complete range of Off-grid, Hybrid and On-Grid Solar Inverters suitable for residential, Institutional, Commercial and Industrial Clients.

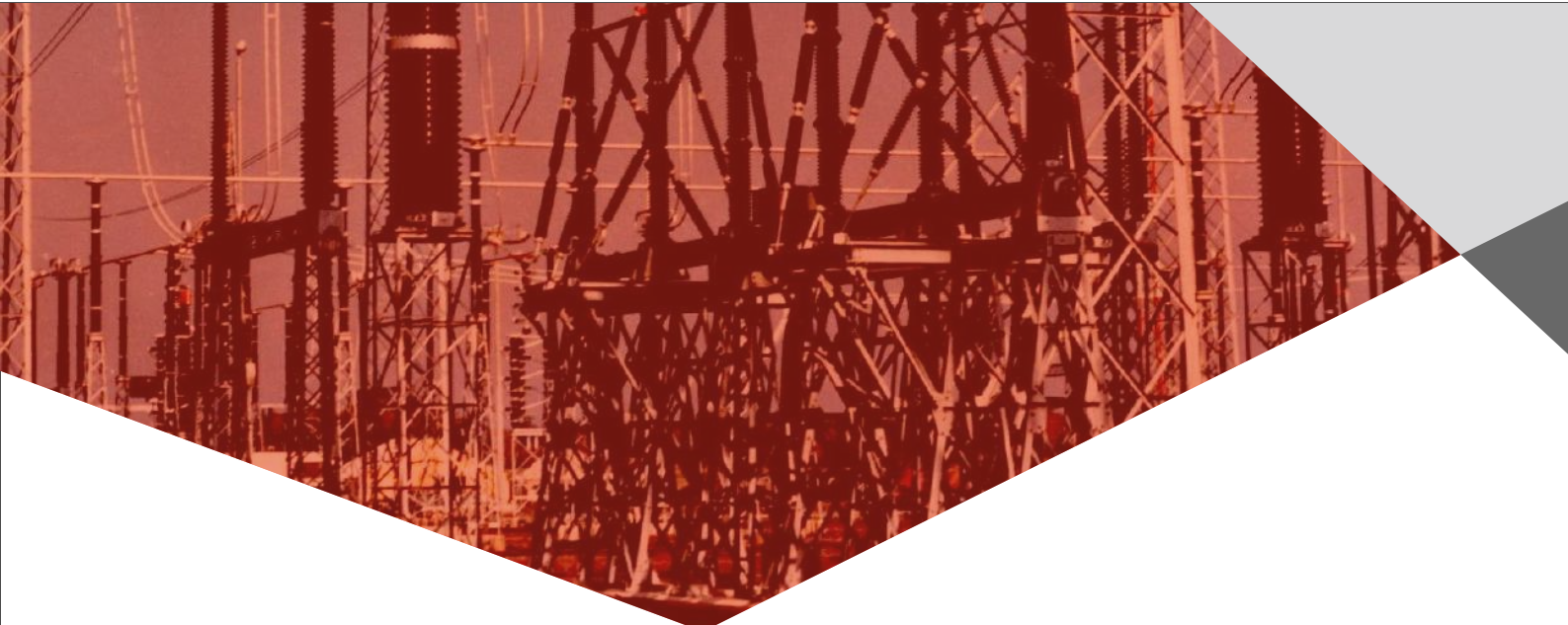


Batteries

Solar batteries are deep cycle battery designed for connecting with solar charge controllers, inverters for giving power backup at night. It is designed to be charged from Solar panels in the day from sunlight. The main component of battery is the lead inside it. Higher lead ensures better battery performance and quality. Lead acid batteries are not sealed and Maintenance free hence it requires water top up once in 3-6 month. We can also supply Lithium Ion batteries which are the latest technology in batteries that have higher performance and life.



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EARTHING MATERIAL

Wellman Group is a stocking distributor of Earthing Material. We offer complete range of earthing material for Lightning Protection and Chemical Earthing. These earthing rods and accessories are manufactured from quality assured materials that are sourced from trusted vendors. Known for their high electrical conductivity, rugged construction, easy installation and longer serving life, these earthing rods and accessories are manufactured in accordance with the industry set norms and regulations”

We have proven to be one of the most trusted suppliers of Earthing Material for various applications at residential, commercial and industrial areas.

The range of Earthing Material includes

- GI / Copper Bonded Electrodes
- ESE Lightening Arrestor
- Earthing Compound
- and other accessories



Salient Features

- ⚡ Extended Electrode Life
- ⚡ Superior Conductivity
- ⚡ Uniform thickness

T&D HARDWARE ITEMS

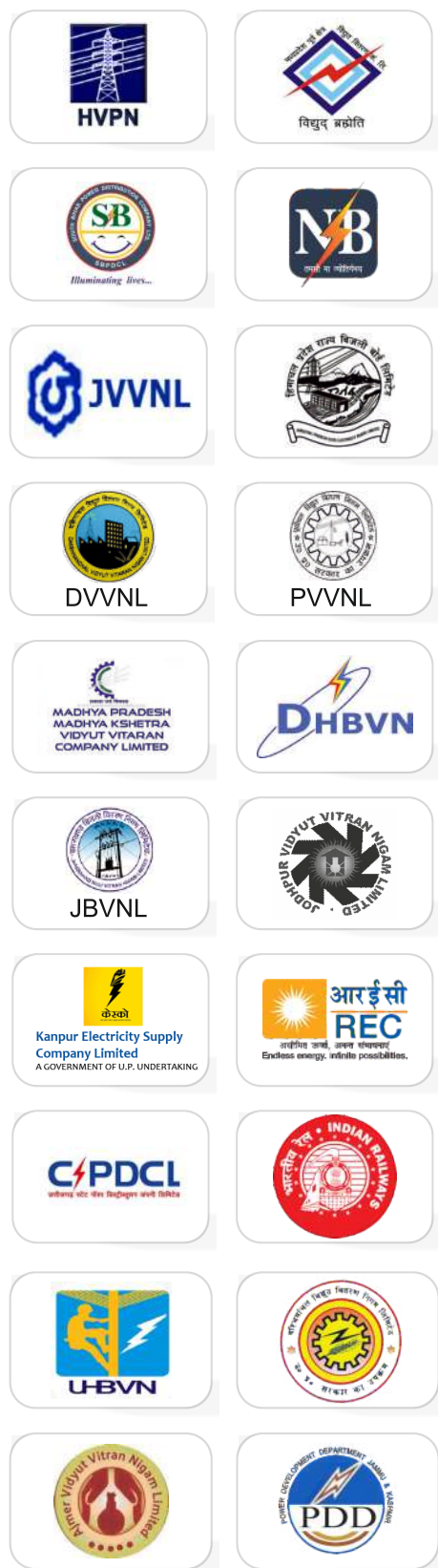
We have all kind of global solutions for global markets. We supply complete range of transmission and distribution accessories including Pad Connectors, Quad Spacers, PI Clamps, Stud Connectors, Tube Connectors etc. The company has in-house testing facilities and quality assurance plan to provide full compliance to Indian and International quality standards



Salient Features

- ⚡ Minimum Contact Resistance; Minimum Voltage Gradient
- ⚡ Suitable for all tropical climatic conditions
- ⚡ Design as per all applicable standards (IS, IEC, NEMA CC1, BS:159 etc)

OUR GOVERNMENT CLIENTELE



OUR PRIVATE CLIENTELE



OUR EXPORT CLIENTELE



Overseas Offices



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Wellman Power Pvt Ltd

Factory Unit 1: Plot No 2, Near Basai Flyover,
Main Basai Road, Gurgaon (Delhi / NCR), India

Factory Unit 2: Plot No 42 & 43, Sector 3,
Model Economic Township, Dist Jhajhar,
Haryana, India

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