



PVJ Power

Powering your Business



YOUR PARTNER FOR **ENERGY EFFICIENT,**
COST EFFECTIVE AND SUSTAINABLE
POWER DISTRIBUTION SOLUTIONS





A BRIEF INTRODUCTION:

PVJ Power Solutions has covered many a milestones since its inception to reach its present position as a leading Indian manufacturer of various types of Transformers, Compact Sub-Stations & HT/LT Panels. The company is **BIS ISI as per IS:1180(Part 1)** & ISO 9001:2015 certified & was **incepted by Er. V K Joshi (Retd XEN, HPSEBL)**. Our motto since inception has been to be a **manufacturer of energy efficient energy distribution systems.**



**45,000+ sq ft.
Manufacturing Area**



**25,000+
Transformer Supplied**



**3,000+ MVA
Capacity Supplied**



**100+
trained manpower**



**30+
NABL Type Tests**



**Short
Delivery Times**



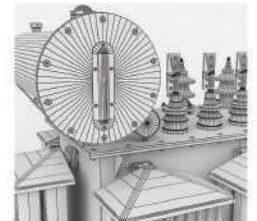
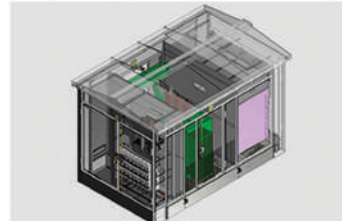
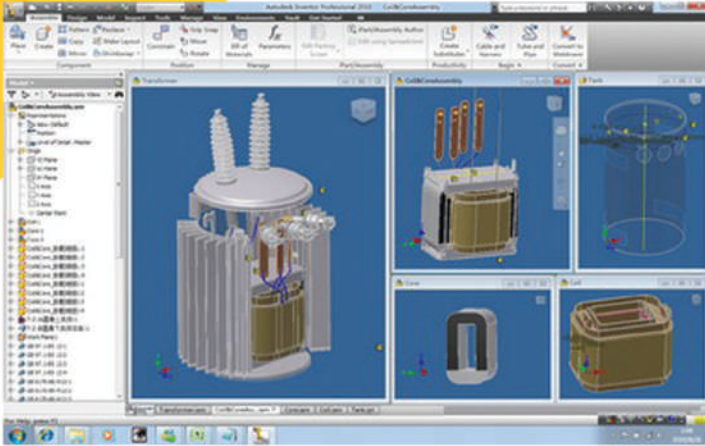
**Prompt
All India Service**



**Software
Simulation of Design**

**Small enough to care,
Large enough to deliver.**

Our team of highly skilled & experienced engineers use the latest technology to design the efficient & well engineered products. We use modern design techniques to get high precision equipment to meet the requirements of IS:1180 (Part 1), 204, IEC 76, IEEE & BEE standards.



HIGH QUALITY RAW MATERIAL INPUT

PRIME CRGO

We use only imported high grade CRGO material for Core Assemblies in our Transformers.



TRANPOSED TPC COPPER CONDCUTOR

Pre-manufactured Transposed coils with Triple Paper Covering make our transformers long lasting.



HIGH GRADE MINERAL OIL

Our transformers are filled with high grade Mineral Oil as per IS:335 directly imported from Refineries.



ACRILYIC NUT BOLTS

Use of Acrylic Nut Bolts reduces the electrical losses due to their non-conductive nature.



EPOXY DOTTED PAPER

Use of Epoxy Dotted Paper as Inter Layer Insulation provides extra strength to coils in our Transformers.



DENSIFIED WOODEN INSULATION BLOCKS

Use of interlayer densified wooden blocks for support provide excellent support against electrical shocks.



SMALL ENOUGH TO CARE
LARGE ENOUGH TO DELIVER

QUALITY IN EVERYTHING WE DO:

For us, Quality is more than just a buzz word; It's the way of doing things. Our focus on Quality starts from choosing the right raw materials, where we only procure material from ISI certified manufacturers. Then the manufacturing process is followed as per latest IS specifications. Finally the product is tested so that all the parameters are as per the best Quality standards. Our products are Type Tested from ERDA & CPRI & they carry certifications from BEE & the latest ISI mark BIS certification required for transformers.

IS:1180 (Part 1)



CM/L-9600006114

OUR QUALITY CERTIFICATIONS

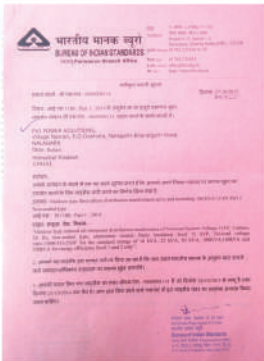


Equipment Registration page 1

Equipment No.	Equipment Name	Manufacturer	Model No.	Capacity	Year of Manufacture	Year of Installation	Location	Remarks
...

Equipment Registration page 2

Equipment No.	Equipment Name	Manufacturer	Model No.	Capacity	Year of Manufacture	Year of Installation	Location	Remarks
...





HIGH QUALITY MANUFACTURING PROCESS

CNC MACHINE BASED TANK CUTTING

We use CNC based Tank cutting to get the precision cut in our transformer tanks precise upto millimeters.



SILVER BRAZING

Use of Silver Brazing of conductor coils gives long lasting strength to joined connections.



IN HOUSE CRGO SLITTING PLANT

We have our own in-house CRGO slitting plant, which gives us the control over Core Assembly quality.



IN HOUSE PRESSURE TESTING

Our in house fabricated tanks are pressure tested in our proprietary Pressure Testing setup.



COIL COMPRESSOR & OVENING

Transformer coils are packed & ovened after manual compressing to provide extra strength to them.



HIGHLY SKILLED MANPOWER

We've highly skilled & trained manpower with extensive transformer manufacturing work-ex.



ARGON GAS WELDING

All fabrication welding is done using Argon gas to provide powerful & smooth finish in the tanks.



PRECISION TESTING LAB

Our in-house Testing Lab is equipped to carry out all Routine Tests with calibrated equipment.





DISTRIBUTION & POWER TRANSFORMERS

PRODUCT RANGE:

- > 6.3 KVA to 10 MVA
- > 11 KV, 22 KV, 33 KV Class

TRANSFORMER OPTIONS:

- Copper Wound / Aluminium Wound.
- Indoor Type/ Outdoor Type
- Off Load Tap Changer / On Load Tap Changer.
- Pole Mounted / Ground Mounted.
- Tube Radiators / PSR Radiators / Corrugated Tank.
- Non-Sealed Type / Hermetically Sealed Type.

IS:1180 (Part 1)



CM/L-9600006114



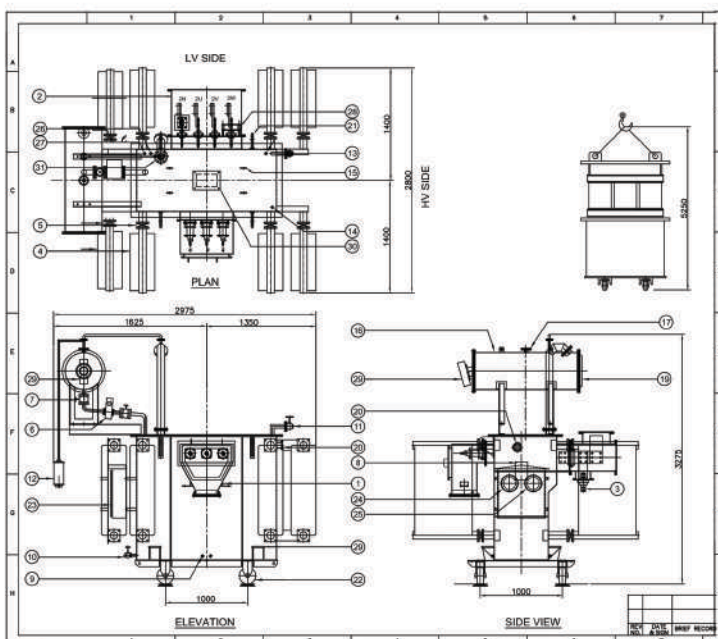
ALL PVJ POWER TRANSFORMERS ARE MANUFACTURED WITH COMPLIANCE AS PER LATEST **BEE & BIS NORMS OF IS:1180 (PART 1)**. WE'VE TYPE TESTED TRANSFORMERS UPTO 2500 KVA AS PER BIS NORMS.

STANDARD FITTINGS PROVIDED:

- Rating & diagram plate along with labels
- Earthing terminals - 2 nos.
- Pre-filled Silica-gel breather.
- Lifting lugs for complete transformer.
- Thermometer pocket.
- Oil filling pipe with cap on tank cover/conservator.
- HV Terminals Porcelain Bushings.
- LV Terminals Porcelain/Epoxy Bushings.
- Bi-metallic connectors on HT side.
- Oil level indicator on the Oil Conservator.
- 4 set of wheels for movement.
- Drain cum sampling valve - 1 no.
- Filter Valve with plug - 1 no.
- Pressure relief explosion vent with diaphragm.
- Externally operated off circuit tap changer switch.
- Oil Temperature Indicator.

OPTIONAL FITTINGS ON REQUEST:

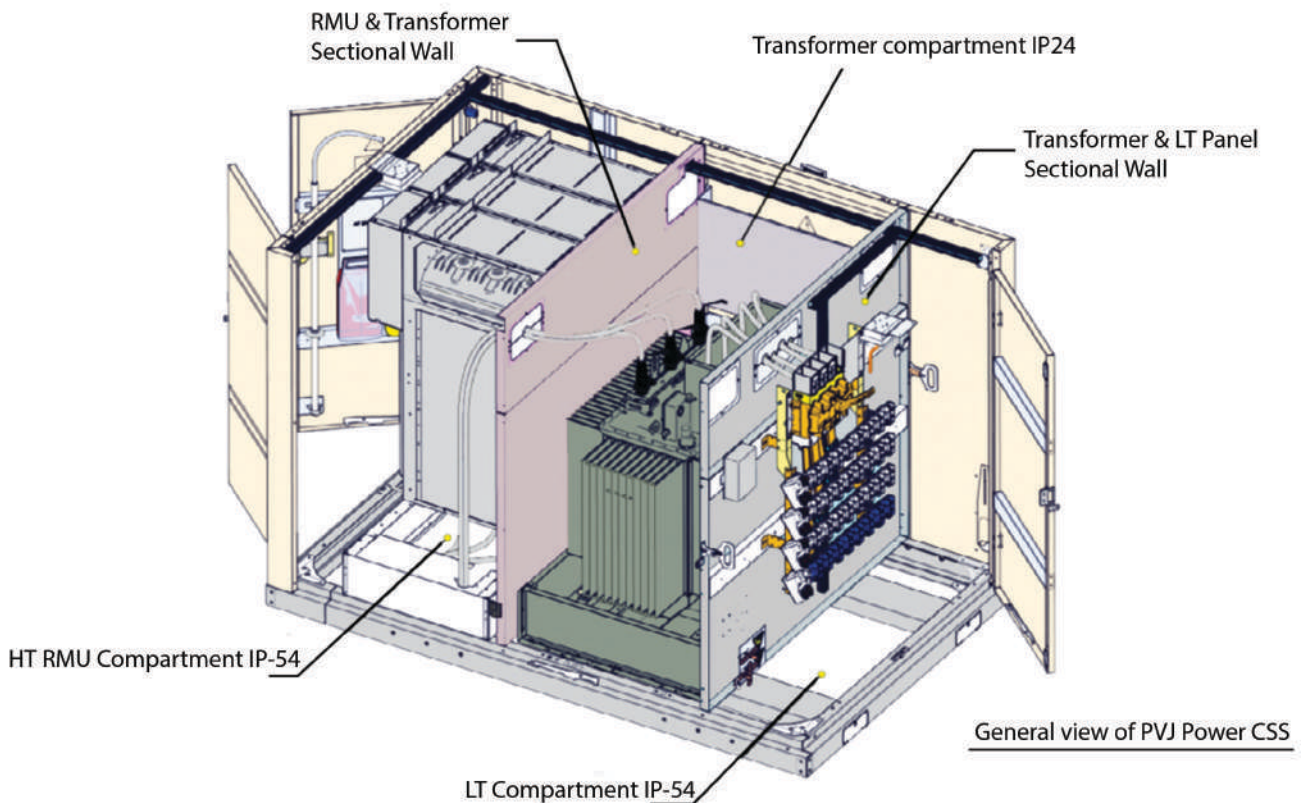
- Buchholz Relay.
- HV & LV Cable Boxes.
- Winding Temperature Indicator.
- Magnetic Oil Level Guage.
- Marshalling Box.
- Disconnecting Chamber.
- Oil Temperature Indicator with Alarm Trip Contacts.



COMPACT SUBSTATION / UNITIZED SUBSTATION

PVJ POWER CSS is a prefabricated substation, factory-designed, tested and ready-to-install and is fully compliant with IEC 62271-202. Our compact substations are engineered to the highest possible standards for personnel safety and aesthetics.

- Modular construction of enclosure provides high degree of flexibility to meet specific site requirements.
- Fully compartmentalized construction for MV switchgear, HV Transformer and LV switchgear.
- Appealing aesthetics.
- Specially designed ventilation system to suit local climatic conditions.
- Safety ensured for operator, public and environment.



General view of PVJ Power CSS

PAINTING:

Enclosure is painted with PU paint with following advantages:

- Aesthetic, glossy finish
- Durability & Resistant to corrosion

VENTILATION:

Ventilation is achieved by natural air circulation from louvers in the wall to the top of the roof using thermo siphon effect.

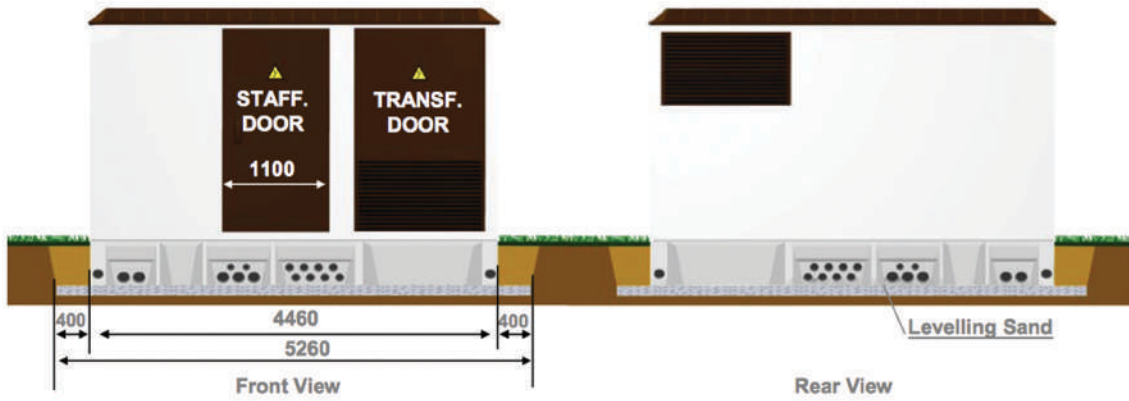
FACTORY BUILT ENCLOSURE:

Factory-built MODULAR CSS Enclosure meet users' needs in reliability, safety and overall quality. 2mm thick painted MS enclosure fabricated with Modular design.

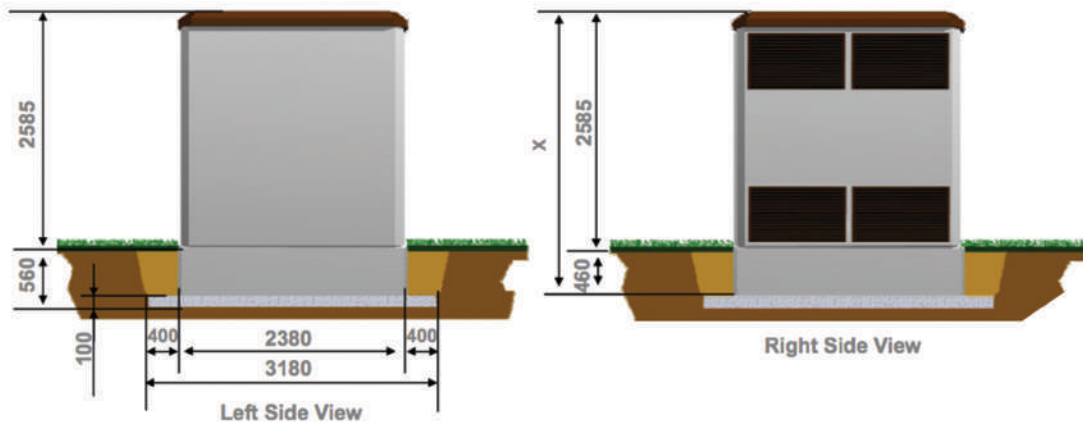
DOORS & LOCKING SYSTEMS:

CSS is equipped with SS hinges, with high mechanical strength & Press-fit type gaskets ensure IP protection.

**EXCAVATION DRAWINGS FOR A PVJ POWER CSS
HOUSING 630 kVA 11 KV TRANSFORMER, RMU & LV PANEL**



EXCAVATION DIMENSIONS:
5260 mm long x 3180 mm wide x 560 mm deep.



LT PANELS:

Whether you are designing controls for a machine, process, work cell, plant floor or a fully integrated plant and office network, PVJ Power is your trusted partner. PVJ Power provides extensive technical expertise in Designing, Manufacturing, Fabricating, Assembling & Integrating of Electrical Control Panels with the rest of your Electrical System. PVJ Power control panel solutions offer the broadest range of options for the most demanding customer requirements and applications. Through our Electrical Panels we offer world-class quality and support and system integration with design flexibility, lowest cost of ownership, and reduced time to market.



OTHER PRODUCTS :

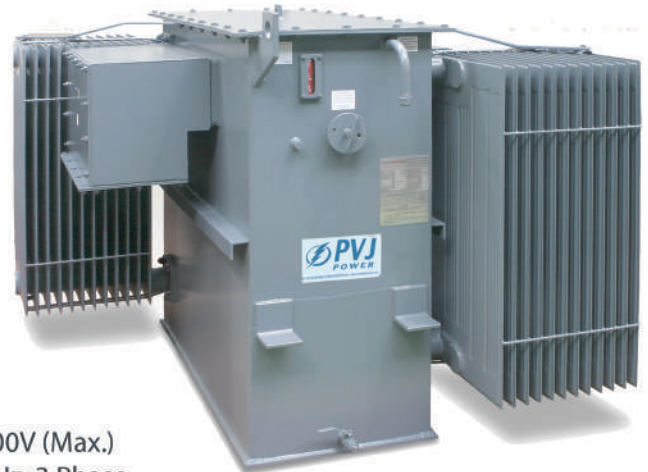
SPECIAL PURPOSE TRANSFORMERS:

Capacity : Upto 5 MVA in 11KV, 22KV & 33KV configurations. Based on our technical expertise we are able to supply various specialpurpose transformers to suit customer needs. The various types of these transformers manufactured & offered by us are:

- Solar/Wind application Step Up Transformer
- Isolation Transformer
- Furnace Transformer
- Booster Transformer
- Variable Transformer
- Auto Transformer

SERVO VOLTAGE STABILISERS:

Capacity : Upto 2.5 MVA Voltage Range : 280V (Min.) to 500V (Max.)
Cooling : Oil Cooled Output Voltage : 400V \pm 1%, 50 Hz, 3 Phase
Efficiency : 99.5% Load Type : Balanced / Un-balanced



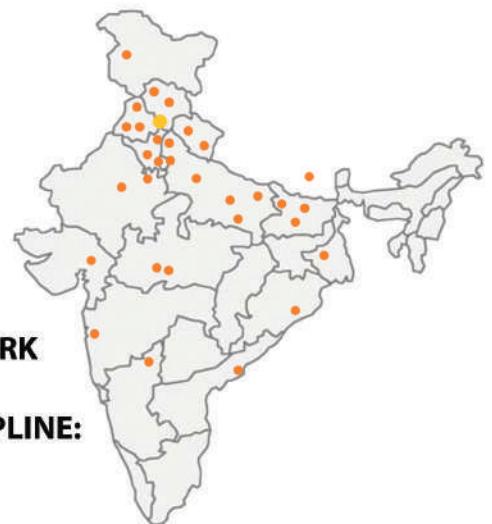
All these Transformers & Servos are custom manufactured keeping in view the individual customer requirement.

OUR FOOTPRINT:

Within a short span of time PVJ Power has spawned its supply footprint all over India & in neighbouring countries. The clients vary in industry from DISCOMs to Industries to PSUs to Real Estate Companies, Turnkey Companies & Hospitality Institutions. All this has been possible due to our consistent focus on delivering quality through our product & service.

**PAN INDIA
SALE & SERVICE NETWORK**

**OUR 24X7 CUSTOMER HELPLINE:
7018-996-210**





We are proud to provide the following clients with our efficient products

 PSPCL PUNJAB STATE POWER CORPORATION LTD.				
 Bharat Petroleum	 HP	 UHBVNL		
 AIIMS Bilaspur	 PSIEC (A State Government Undertaking)	 Uttar Pradesh Rajkiya Nirman Nigam U.P. Government Undertaking	 Bhakra Beas Management Board	
 AIIMS Bilaspur	 NHAI	 bharti	 Jio	 airtel
 ALKEM	 Dabur	 Geekers Education Collection Specialized Study Material Brand	 FRESENIUS KABI caring for life	 HPL
 SKODA	 Eastman Empowering Lives	 SUZUKI	 ROBOT EARTHMOVERS PARTS	 KIA
 EAL Emmbros Autocamp Limited	 ASHOK LEYLAND	 HYUNDAI	 TATA MOTORS	 TOYOTA
 SANDWOODS INFRA TECH PVT. LTD.	 TDI RISE ABOVE	 OMAXE Turning dreams into reality	 ANSAL API	 RFL EVOLUTION IS CONSTANT
 DILIP BUILD CON LIMITED	 Bharat Bijlee	 PNC INFRA TECH LIMITED	 AFCONS AFCONS INFRASTRUCTURE LIMITED	 Patel Since 1989
 Reliance MARKET	 FASHION SOUK	 BIG BAZAAR	 V MART	 DECATHLON
 Forest Hill Club & Country Club	 RAMADA	 Best Western	 Kingdom of Dreams	 ITC HOTELS RESPONSIBLE LUXURY
 BARBEQUE NATION	 OLD MONK RUM	 lemon tree HOTELS	 दैनिक जागरण	 T SERIES
 Greenlam	 Anant Raj Group	 SAMSUNG	 PHILIPS	 L'ORÉAL
 GD GOENKA GLOBAL SCHOOL	 Godrej	 ICICI Bank	 Steelbird Helmets	 Campus
 RUCHI FOODLINE	 कमिला पशु आहार	 INDUS PRIDE	 Cadbury	 Coca-Cola
 THE LAWRENCE SCHOOL	 IIT Mandi	 BUEST	 Shoolini University	 Nalanda UNIVERSITY



HIGH QUALITY RAW MATERIALS USED



TYPE TESTED EQUIPMENT FROM NABL LABS



STATE OF THE ART MANUFACTURING FACILITY



ALL PRODUCTS SUBJECTED TO RIGOROUS TESTING



HIHGLY ENERGY EFFICIENT TRANSFORMERS



BEE & BIS APPROVED PRODUCTS



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Our Local Channel Partner

