



**VAJRA**  
TRANSPower PVT LTD

# Efficient Transformers

FOR GREENER FUTURE

[www.vajratranspower.com](http://www.vajratranspower.com)

### Profile

Vajra Transpower Private Limited is established by young and Dynamic, Qualified and Experienced Engineers in relevant fields, with an aim to provide affordable pricing with the best quality at relevant privilege standards and on time delivery as per customer requisite. The manpower engaged in manufacturing of the products is well trained and experienced; their skills are certified by SERVOMAX.

All our products are tested with relevant standards, and all routine tests are tested in our in-house testing facility. We follow a standard testing system designed with 36 years of core experience and proven in the market, who gained a lot of respect and recognition, which is SERVOMAX. Their processes are followed and systems are adopted, thus the quality and trouble free service is assured.

We Offer 3600 of transformer solutions like Transformers for Power Generation, Transformers for Power Transmission, Transformers for Power Distribution, Transformers for Solar Power, Transformer for Wind Power, Transformer for Medical Applications, Transformers for Railways and Transformers for General Applications.



### Vision

To consolidate and create global presence and to become a leading manufacturer and solution provider for transformer requirements and to have 50% annual growth rate year by year.

### Mission

To emerge as a trusted solution provider for all types of transformers and to conduct our business professionally, to become an employee driven company and to have, best interactive customer relationship.

### Quality Policy

Quality is our priority. We maintain quality in Management, Manpower, Machinery, Testing equipment, Testing Processes and Manufacturing Processes. Thus quality product is delivered.

**CIN - U31109TG2018PTC125295**  
**GST - 36AAGCV4849R1ZC**  
**UAN/MSME - TS20B0012917**







**VAJRA**  
TRANSPower PVT LTD

### Our Infrastructure



### Corporate Office



## VAJRA TRANSPower PRIVATE LIMITED

**Corporate Office** : H. No. 5-5-35/153/4, First Floor, APIIC Rd, Prashanti Nagar, Kukatpally, Hyderabad, Telangana - 500072.

**Works** : Plot No.5, Phase – IV, IP, Pashamylaram, Sangareddy Dist, Telangana – 502 307.

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## Distribution Transformers

At Vajra, Transformers are Subjected to rigorous and strict quality controls at every stage of manufacturing . Our transformers are manufactured in such a way that they can meet all the latest national and international standards such as BIS, ANSI, IEC,



**Capacities Available upto 3150 KVA**

### Our Distribution Transformers include

- Oil type
- Dry Type
- With OLTC

### Salient Features

- Design conforms to BIS 1180 & IS:2026, BS 171, IEC 76 and other relevant standards.
- Latest manufacturing techniques to ensure cost effectiveness and reliability.
- Designed for 25 years of trouble - free performance.
- Very low power losses and low noise.
- Optimum utilization of active materials for sleek design.
- Withstands electrical impulses, thermal and dynamic stresses.

## Power Transformers

Our power transformers are subjected to rigorous and strict quality controls at every stage of manufacturing. We follow strict Quality policy and hence quality is assured with all our products. Our transformers are manufactured to meet all the latest national and international standards such as BIS, ANSI, IEC, IS, BS, DIN, and etc.

### Salient Features

- Design conforms to IS : 2026, and Latest BIS: 1180, BS 171, IEC 76 and other relevant standards.
- Latest manufacturing techniques to ensure cost effectiveness and reliability.
- Designed for 25 years of trouble free performance.
- Very low power loss and low noise.
- Optimum utilization of active materials for sleek design.
- Withstands electrical impulses, thermal and dynamic stresses.

**Inverter duty Transformer  
For Solar & Wind Power  
Generation Applications**



**Capacities Available upto 16 MVA**



## Linear Automatic Voltage Stabilizer

Servo Voltage Stabilizers come in a wide range of models. The standard 3-phase models are suitable for balanced & unbalanced supply/loads. We provide rugged and robust design, with life span of 15-20 years.



**Capacity Range upto 5000 kVA 3 Ph**

### Advantages

- 60% Depreciation as per Income Tax Act
- Reduces Global Warming
- Higher Productivity
- Reduction in MDI
- Uniform Quality of End Product
- Low Maintenance Cost
- Reduction in breakdown of electrical equipments
- High Energy Savings

**Cost of Automatic Voltage Stabilizer  
can be recovered in 2 to 3 Years**

## Power Conditioner

### Salient Features

- High reliability
- Uses solid state control circuits
- Synchronous motor drive
- No warm - up time
- No relays
- Professional grade ICs and Components are used
- Trouble free operation
- Quick response time 10 milli sec (half a cycle)
- Efficiency, Low losses, Low temperature rise and Withstands in all climatic conditions
- Provides perfectly stable output power even under severe conditions of voltage fluctuations
- Zero wave - form distortion
- Unaffected by load power factor
- Ruggedized construction
- Enclosure - IP32
- Mounting - Floor Mounted / Free on Wheel
- Servo Motor Drive - Rugged ac step synchronous motor



**Capacity Range upto 200 kVA 3 Ph**

## Micro Controlled Voltage Stabilizer 3 Phase Air Cooled

Provides perfectly stable output even under severe conditions of unbalanced voltage conditions. Ideal to protect the electrical and electronic equipments from high and low voltage.

### Salient Features

- Quick response time 10 milli sec (half a cycle)
- Very high efficiency above 98%
- Excellent regulation as high as  $\pm 0.5\%$
- "Micro controller" controlled system
- Wide input range of operations & high speed of correction



### Protections

- Single Phasing Prevention
- Input Short Circuit Protection with MCB / MCCB
- Input Over Load Protection with MCB / MCCB
- Output Low Voltage Protection
- Output High Voltage Protection

**Type of Cooling : Natural air cooled up to 600 KVA**

**Capacity Range upto 250 kVA 3 Ph**



**Menu / Start / Stop / Reset/ Log Button  
Very Important For CSD Analysis Problems**

Optional: Out Door Model, Residential Model Available  
Data Log: Last 100 fault events log with Date & Time stamp and works on FIFO basis.  
Residential Model also available

## Micro Controlled Voltage Stabilizer 3 Phase Oil Cooled

### Protections

- Single Phasing Prevention
- Output Electronic Over Load Protection
- Phase Reversal Protection
- Input Short Circuit Protection with MCB
- Input Over Load Protection with MCB
- Output Low Voltage Protection
- Output High Voltage Protection
- Audio Alarm for Protections

**Capacity Range upto 5000 kVA 3 Ph**



**Type of Cooling : Natural Oil cooled up to 5000 KVA**



**Menu / Start / Stop / Reset/ Log Button  
Very Important For CSD Analysis Problems**

Optional : Out Door Model Available  
Data Log: Last 100 fault events log with Date & Time stamp and works on FIFO basis.



## Power Distribution Unit with K-Rated Transformers

Power distribution unit is fitted with multiple outputs designed to distribute electrical power.

The effect of harmonics de-rates the capacity of UPS. Hence 100% utilization of UPS capacity becomes wasted.

To eliminate these direct effects on UPS, K- Factor Transformers are designed based on the harmonics present on the load. The special design of K-Factor Transformer helps us to eliminate or withstanding from the effects of Harmonics.

### Optional

Soft start facility BCPM ( Branch Circuit Power Monitoring )



**Capacity Range upto 1000 kVA, 3 Ph**

## Power Saver



**Capacity Range upto 1000 kVA, 3 Ph**

Power savers help in storing the electricity using capacitors and it releases the electricity in a smoother way without any fluctuations. This enables the efficient working of the appliances without causing any damage.

We use latest technology to save power by optimum supply of power to various loads. Thus, improves quality of power and enhances life of electrical gadgets.

**Pay back period is 8 to 12 months  
based on the conditions and usage**

## Servo Stabilizer (Single Phase)



Capacity Range upto 25 kVA, 1 Ph

Output Regulation :  $\pm 1\%$   
System Construction : As per IS:9815  
Efficiency : 98.5%  
Response Time : 10 milli sec.  
Servo Motor Drive : rugged AC step synchronous

### Protections

- High voltage protection | with Relay / Contactor
- Low Voltage Protection |
- Overload protection | with MCB motor
- Short circuit protection | with MCB

## LT Panels

### Product Special Features

- SMS facility for Energy Reading & Low Power Factor
- Earth fault relay
- Phase Sequence indication
- Panel board with capacitor bank
- Panel board are fitted with highly reputed switch gear
- Customised panels as per your size
- Highly protected flame proof fabrication can be done





## Isolation Transformer

We are isolation manufacturing company that designs isolation transformers based on multiple shielding techniques to minimize the interwinding capacitance. Our team puts a lot of effort to design isolation transformer and has taken us to new heights.

### Special Features:

1. Eliminates stresses that come from normal electrical transients
2. Meet stringent clean power requirements of the sophisticated / sensitive equipments
3. Reduces the effects of power line problems like Noise, Spikes, Surges, Transients and Neutral to minimum



**Capacity Range upto 1500 kVA 3 Ph**

## Ultra Isolation Transformer



**Capacity Range upto 1500 kVA, 3 Ph**

Ultra Isolation will Provide excellent Isolation between Load and Line. It Will Provide Filtration Of Noises, Spikes and Harmonics which Present on input power lines.

Various Capacities available ranging from 3KVA to 1500KVA, which are 415/415V or 415/220V with double neutral capacity and Charging facilities.

It is a must be installed for all sophisticated and sensible Electrical and Electronic equipment

## Auto Variable Transformers

In this transformer, the output voltage can be adjusted manually or automatically. Applicable for relatively low voltages, and used for testing devices under various voltages or to stimulate abnormal line voltages.

It is effectively used during a wide range of line and load conditions, and also as lighting dimmer.

This transformer is manufactured with the supreme standards and best kind of raw materials and designed by the experts.



**Capacity Range upto 2500A 3 Ph**

## Step Up Transformers



**Capacity Range upto 20 KVA**

A Step Up transformer is used in electrical and electronic devices where the voltage boosting is required. The Vajra Transpower Pvt Ltd provides transformers for sale that possess great efficiency, and superior operational reliability.

We provide the trouble-free and industrial standard step up transformers to the customers.

## Step Down Transformers

Step down transformers are used for electrical isolation, in a network of power distribution, for controlling the home appliances and etc.

Step down transformer will reduces the voltage to a specific load to operate a specific appliance.

They are mostly used to convert the 220 volts electricity to 110 volts that are required mostly in the domestic equipment.





## Automatic Power Factor Control Panel

Power Factor Controllers are designed to operate, Automatically with Micro Processor Based Automatic Controller

We Use a specially designed electronic control circuit that improves power factor to meet requirements of load switching pattern

Improvement of power factor up to optimum levels is guaranteed

Product range: 20 KVAR to 1000 KVAR.



**Capacity Range upto 1000 kVAR**

## Medical Transformer



**Receptacles : INDIAN/ AMERICAN/ EUROPEAN**

- This transformer products are used in the medical electronic industry, which will meet stringent safety standards in accordance with various national and international standards. These transformers have extra low leakage currents and High Insulation as specified by the manufacturers of the medical equipments.

- We guarantee low leakage currents as low as 10 micro AMPS. All our medical transformers have more than 100 custom built designs.

- We also have many wall mountable stabilizers with combination of medical transformers, thus maximum protection is achieved for safe working of any medical equipment on raw power.

- These medical equipments life span is expanded failures and malfunction are reduced drastically. Very safe power and clean power ensures patients safety and avoids hazards of electrical shocks and leakage of power problems while conducting investigation on patients.

## K-Rated Transformers

K-Rated Isolation Transformer is to deliver conditioned power to a non linear high-harmonic current loads and to operate at safe temperatures while minimizing the harmonic currents. The effect of harmonics de-rates the capacity of UPS also creates much heat in the transformer of the UPS. Hence 100% utilization of UPS capacity becomes wasted.

To eliminate these direct effects on UPS, K-Factor Transformers are designed based on the harmonics present on the load.

The special design of K-Factor Transformer helps us to eliminate or withstand from the effects of Harmonics.

**Capacity Range upto 1000 KVA, 3 Ph**



## Charge Guard



- Charging a car at home requires special attention and Protected Electrical source. Normal house hold plugs and sockets do not offer the quality power to charge your Electric cars.
- Vajra markets "Charge Guard" which protects car charging system. It is safer, efficient, easy to install and with communicator equipment helps you to charge cars with high protection.
- This works on two phase and three phase voltages. Charging protection equipment is an essential for every Electrical Vehicle while charging on power connection at home.