



Volt Tech

INDIA'S LEADING
**SERVO
VOLTAGE
STABILIZER**

5 KVA ~ 5000 KVA

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About Company

Volt Tech was founded in 2017 with exemplifies visionary leadership and innovative thinking. The company carries a rich legacy spanning nearly 08 years and has emerged as India's leading power conditioning equipment and transformer Manufacturer and supplier.

Our vision is to carve a distinct and impactful niche in the production and supply of robust power conditioning solutions such as High-capacity Transformers, Servo Stabilizers and various Electrical Products through an efficient network of channel partners in India. Besides, our Company is committed to facilitating the renewable energy goals of industries and economies through research-based and cost-effective solar power solutions.

To successfully analyze the present and future needs of national and international markets and meet their expectations with the most advanced, efficacious, and budget-friendly solutions. Moreover, to continuously add value to Volt Tech's products and services by leveraging innovations, incorporating skills, and adhering to professional ethics.

Brand Ethics



Customer Service Support

Volt Tech believes in maintaining a long-term relationship with our clients by providing dedicated customer service support and ensuring to resolve all our client's queries.



Better Quality, Affordable pricing

With our state-of-the-art infrastructure, we deliver world-class products. We provide it at affordable pricing, which has helped us establish industry benchmarks.



Valuing Trust, Confidence, and Loyalty

Our brand is based on its belief in valuing trust, confidence, and loyalty shown by our clients and team members. We thrive on these core pillars and proudly steadfast them.



Honesty and Hard work

Volt Tech believes in maintaining a long-term relationship with our clients by providing dedicated customer service support and ensuring to resolve all our client's queries.



Maintaining Stipulated Delivery time

We are known for our quality. We also maintain a stipulated delivery time that has always outperformed our client's expectations and earned an esteemed reputre for us.



Putting 100% efforts round-the- clock and thriving!

Our team works around the clock with utmost diligence to ensure that our clients receive high-quality products. It is for their dedication and efforts that we are continuously thriving in the global market.



SERVO VOLTAGE STABILIZER

The Servo Voltage Stabilizer (Voltage Corrector or Voltage Regulator) is an electrical and electronic product specially designed to control voltage fluctuations or stabilize the output voltage to prevent the electrical appliances and electrical equipment from breakdown due to voltage fluctuations on the input side. The servo voltage stabilizer usually works on Low Voltage Lines (LT)

Why Servo Voltage Stabilizer is Required ?

We are all part of the Hi-tech world; everything is automated with sophisticated sensors and robotic technologies. Automation play an important role in every field, whether it is business, industry, telecommunication, printing, manufacturing, software, hospitals, homes, infrastructures, intelligence agencies, CNC machines, data science and many other diversified Industries.

Voltage fluctuations are a common phenomenon worldwide, especially in developing and underdeveloped countries. Voltage manifests itself in various ways, namely as low voltage or voltage drop, as high voltage or over voltage, and as unbalanced voltage. The duration of these phenomena depends on the cause and is not easily predictable. Normally, the input voltage is low during the day and relatively high during the night hours, resulting in frequent power outages and consequently affecting productions and overall costs.

In industry, due to the high load on equipment, unusual voltage fluctuations occur, which are one the main cause of power outages or damage to expensive equipment. We cannot prevent the input voltage fluctuations, but we can install a VOLT TECH make Servo Voltage Stabilizer to prevent the fluctuations. Subsequent use of the Servo Voltage Stabilizer saves energy and reduces MDI.

Manufacturing Range

- Oil Cooled & Air Cooled Type Servo Voltage Stabilizer
- Single Phase, Double Phase & Three Phase Types
- Indoor Type & Outdoor Type Servo Voltage Stabilizers
- **Capacity** - From 1 KVA to 5000 KVA (Any special capacity as per requirement)
- **Voltage Range** - From 50 Volts to 550 Volts (Any special capacity as per requirement)

WHY VOLT TECH ?

There are many servo stabilizer manufacturers in the market, but we are the best because our specialties are :

- Advanced Technology and Design
- 10 Years of Excellence in Voltage Stabilization
- Comprehensive Protection Features
- Versatility and Customization
- Guarantee of Superior Quality and Best Workmanship
- Very Economical and Cost-Efficient Construction
- Best Durability and Heavy-Duty Products
- High Efficient with Energy Saving Technology
- Up to dated Indian Standard
- Tested at NABL Approved Testing Laboratories
- Power Packed with Latest Technologies

Designing

The VOLT TECH make Digital Servo Voltage Stabilizers are designed to provide a constant output voltage with an accuracy of $\pm 2\%$ even on regular and highly fluctuations on the Input Voltage side. We use an Intelligent microprocessor control card, which is the brain of the Servo Voltage Stabilizer. The control board detects the input voltage fluctuations and sends a correction command to the Servo Motor, which rotates the carbon brushes either clockwise or counter clockwise on the electrolytically Wound Copper Regulators (Variacs or Dimmers) to obtain a stable Output Voltage. The imported and high-quality graphite carbon we use in our Servo Voltage Stabilizer ensures Excellent Performance.

List of Fittings & Accesories :

- Oil Level Gauge/Indicator
- Earthing Terminals
- Name, Rating & Diagram Plate
- Uni-Directional Flat Wheels
- Pressed Steel Radiators for ONAN Cooling
- Oil Filling Hole
- Lifting Lugs
- Monogram Plate
- Cable Box
- First Filling of Transformer Oil

Optional Features & Protections :

- High Voltage Cut Off
- Over Load Cut Off
- Single Phase Preventer
- Change Over or Bypass Provision
- Phase Reversal Cut Off
- Low Voltage Cut Off
- Short Circuit Protection
- Earth Fault Protection
- Surge & Spike Protection





OIL COOLED SERVO VOLTAGE STABILIZER (THREE PHASE)

The Servo Voltage Stabilizer (Voltage Corrector or Voltage Regulator) is an electrical and electronic product specially designed to control voltage fluctuations or stabilize the output voltage to prevent the electrical appliances and electrical equipment from breakdown due to voltage fluctuations on the input side. The servo voltage stabilizer usually works on Low Voltage Lines (LT)

Technical Specifications :

Standard	Confirms to latest IS:9815, IS:2026 & relevant Indian Standard				
Capacity	10 KVA to 5000 KVA (Any special Capacity as per requirement)				
Correction Method	Stepless Correction by VOLT TECH make copper Wound Variac (Dimmer)				
Control Module	Microprocessor based Control Card				
Classification	100% Unbalanced / Balanced Supply & 100% Unbalanced / Balanced Load				
No. Of Phases	Three Phase				
Frequency	50 / 60 Hz $\pm 2\%$				
Mode of Control	Automatic / Manual				
Load Variation	Admitted from 0 to 100%				
Type of Installation	Indoor / Outdoor				
Cooling	Oil Natural Air Natural (ONAN) & Air Natural (AN)				
Type of Oil	Transformer Oil				
Output Voltage	380/400/415 V $\pm 2\%$ Phase to Phase 220/230/240 V $\pm 2\%$ Phase to Neutral (Any special Capacity as per requirement)				
Input Voltage [Phase to Phase]*	150V-470V	250V-470V	280V-470V	300V-470V	340V-470V
Input Voltage [Phase to Neutral]*	90V-270V	140V-270V	160V-270V	170V-270V	200V-270V
	(Any special Capacity as per requirement)				
Duty Cycle / Life	Continuous 24 Hrs				
Response Time	Less than 20 milliseconds				
Correction Rate	10-60 V/Sec				
Operating Temperature	-15°C to $+50^{\circ}\text{C}$				
Waveform Distortion	Nil				
Efficiency	More than 96% (Approx) as per Indian Standard				
Mounting Arrangement	On Unidirectional Wheels				



OIL COOLED SERVO VOLTAGE STABILIZER (SINGLE PHASE)

The Servo Voltage Stabilizer (Voltage Corrector or Voltage Regulator) is an electrical and electronic product specially designed to control voltage fluctuations or stabilize the output voltage to prevent the electrical appliances and electrical equipment from breakdown due to voltage fluctuations on the input side. The servo voltage stabilizer usually works on Low Voltage Lines (LT)

Technical Specifications :

Standard	Confirms to latest IS:9815, IS:2026 & relevant Indian Standard				
Capacity	1 KVA to 300 KVA (Any special Capacity as per requirement)				
Correction Method	Stepless Correction by VOLT TECH make copper Wound Variac (Dimmer)				
Control Module	Microprocessor based Control Card				
Classification	100% Unbalanced / Balanced Supply & 100% Unbalanced / Balanced Load				
No. Of Phases	Single Phase				
Frequency	50 / 60 Hz +5%				
Mode of Control	Automatic / Manual				
Load Variation	Admitted from 0 to 100%				
Type of Installation	Indoor / Outdoor				
Cooling	Oil Natural Air Natural (ONAN) & Air Natural (AN)				
Type of Oil	Transformer Oil				
Output Voltage	220/230/240 V (+2%) Phase to Neutral				
Input Voltage *	70V-270V	90V-270V	140V-270V	160V-270V	
	(Any special Capacity as per requirement)				
Duty Cycle / Life	Continuous 24 Hrs				
Response Time	Less than 20 milliseconds				
Correction Rate	10-60 V/Sec				
Operating Temperature	-15 ⁰ C to +50 ⁰ C				
Waveform Distortion	Nil				
Efficiency	More than 96% (Approx) as per Indian Standard				
Mounting Arrangement	On Unidirectional Wheels				



Applications of SERVO VOLTAGE STABILIZER :

- Air Conditioners Plants
- Medical Equipments
- Offset Printing Presses
- CNC Machines
- Escalators and Elevators
- Industrial & Lightning Equipment
- Shopping Malls
- Commercial Complexes
- Home & Offices
- Telecommunication Systems
- Advanced Laboratory Equipment
- Defence Equipments
- Engines
- Cement Plants
- Hotels
- Industries
- Research & Development Facilities
- Data Centres
- Distilleries and Beverages
- Tea Plantations
- Metrological Equipments
- Food Processing Equipments
- Cold Storage
- Rubber Industries
- Rice Mills
- Sugar Mills
- RO Plaants





Our Products

Power Conditioning Segment :

- Servo Voltage Stabilizer
- Online UPS
- CVTs
- Electrical Panels

Power Segment :

- Distribution Transformer
- Power Transformer
- Step Up & Down Transformer
- Isolation Transformer

Renewable Energy Segment :

- Solar Panels
- Solar Inverters
- Solar Charging Controller
- Solar Batteries

Construction Segment :

- Commercial Construction
- Industrial Construction
- Underground Wiring
- Underground Pipelines
- Road Construction
- Bridge Construction
- Railway Track Construction
- Road & Highway Lights

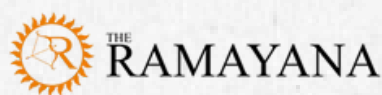
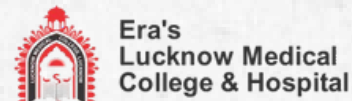


Premium Customers





Our Customers



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Volt Tech



EXCLUSIVE

MEGA DEALS

ON ALL VOLT TECH PRODUCTS



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