



GREEN VOLT

S Y S T E M



Rating
3000 upto
KVA

**India's LEADING
MANUFACTURER OF
SERVO
VOLTAGE STABILIZER
L.T. PANELS
& TRANSFORMERS**



MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

GREEN VOLT SYSTEM



www.greenvoltssystem.com

GREEN VOLT S Y S T E M

ABOUT US

Green Volt System, started operations in the year 2021 Under the leadership of **Mohd. Azhar and Aakib Javed** and since then we're Manufacturing **Servo Voltage Stabilizer, Transformer & Control Panels and Linear Type Servo Voltage Stabilizer**, Design and Project Management as well as Manufacture, Electrical Installation and Services, We are Registered Manufacturing enterprise under **MSME**, and also **ISO 9001:2015** Certified company having manufacturing unit in Ghaziabad.

Our Quality:

At Green Volt System, we are committed for using cutting edge technology to provide premium quality products to our clients for better efficiency and durability. With strict quality control processes & regular R&D in place, we ensure to deliver the latest and best technology products to our clients. Our quality and perfection are the driving forces at our organization that are actively taken care while manufacturing our offered products. For the production of these products, we use best quality raw material and components which are procured from the most reliable vendors in the market.

GREEN VOLT SYSTEM THREE PHASE OIL COOLED SERVO VOLTAGE STABILIZERS :

We are one of the leading manufacturers and OEM suppliers of **Servo Voltage Stabilizers** (Oil cooled, Three Phase) in India. Servo Voltage Stabilizers work on servo-mechanism or negative feedback mechanism, and as the name implies, it uses servo motor(s) to achieve the voltage correction and both the Transformers are fully immersed in Oil (acting as coolant). These are mainly used to provide regulated output with optimum voltage accuracy of $\pm 1\%$. A servo Stabilizers incorporates servo motor, auto Transformers, buck boost Transformers, motor driver and control circuitry as essential components.

Three Phase Variac Type Servo Voltage Stabilizers Oil Cooled - Capacity 10 KVA to 1000 KVA

Voltage Fluctuations increase the risk of break down or malfunction in your costly equipments and machineries No one likes to risk the life of costlier and sensitive electronic & electrical equipment **GREEN VOLT SYSTEM** digital oil cooled servo controlled voltage stabilizer equipped with latest digital micro processor based controllers give a constant output voltage with stability of $\pm 1\%$ and has a very life expectancy thus ensures a good life span for your costly electrical/electronic equipments.

Technical Specifications :

Rating	UPTO - 1000 KVA
Input voltage (Phase to Phase)	330-470, 300-470, 240-470, 150-470 V
Input voltage (Phase to Neutral)	190-270, 170-270, 140-270, 90-270 V
Output Voltage (Phase to Phase)	380 / 400 / 415 + / - 1% V
Output Voltage (Phase to Neutral)	220 / 230 / 240 + / - 1% V
Output Waveform	True to Input
Input Frequency	47 - 53 HZ
Duty Cycle	Continuous 24 Hours
Response Time	10 m.sec.
Correction Speed	25 - 65 V/sec.
Correction Methods	Step Less Correction Using Variac
Cooling	Oil Cooled
Efficiency	Better Than 98%
Control Card	Fully Automatic Micro Processor Based
Suitability	Suitable for 3 Phase unbalanced / Balanced Supply, Unbalanced / Balanced Load
Operating Temperature	-15°C to 45°C above Ambient



Additional Features (Optional)

- High & Low cut of protection
- Over Load & Short Circuit Protection
- Single Phase Prevention System
- By Pass System

GREEN VOLT SYSTEM THREE PHASE AIR COOLED SERVO VOLTAGE STABILIZERS : CAPACITY : 6 TO 100 KVA

We manufacture air cooled servo controlled voltage stabilizer in three phase upto 100 KVA. Air cooled servo stabilizers are with individual electrical/electronic equipment/items which may get damaged in case of voltage fluctuations. We use high quality raw materials & advanced micro processor based controlling technology for better performance, efficiency and protection of your equipments.

Technical Specifications :

Rating	UPTO - 100 KVA
Input voltage (Phase to Phase)	330-470, 300-470, 240-470, 150-470 V
Output Voltage (Phase to Phase)	380 / 400 / 415 + / - 1% V
Input Frequency	47 - 53 HZ
Duty Cycle	Continuous 24 Hours
Correction Speed	25 - 65 V/sec.
Cooling	Air Natural
Efficiency	Better Than 98%
Control Card	Fully Automatic Micro Processor Based
Suitability	Suitable for 3 Phase unbalanced / Balanced Supply, Unbalanced / Balanced Load
Operating Temperature	-15°C to 45°C above Ambient



GREEN VOLT SYSTEM SINGLE PHASE AIR / OIL COOLED SERVO VOLTAGE STABILIZERS : capacity 2 KVA to 30 KVA

Salient Features:

Micro-controller based models with digital display,
High/Low voltage protection, intelligent Time delay protection.

INPUT VOLTAGE RANGE	OUTPUT VOLTAGE
Extra Wide range 90 - 280V	220/230/240V +-1%
Wide range 110 - 280V	
Medium range 140 - 280V	
Narrow range 170 - 280V	



THREE PHASE ROLLING / LINEAR CARBON ROLLER TYPE SERVO VOLTAGE STABILIZERS : CAPACITY : UPTO 5000 KVA

General Specification

Green Volt system make rolling contact type servo stabilizer are available in Outdoor/Indoor Naturally Oil Cooled Units with wide input voltage ranges and with Balanced/Unbalanced supply depending upon voltage condition as per customer's requirement, some of standard technical specification mentioned below:

Input Voltage	360-460V	350-460V	340-460V	320-460V	300-480V
Efficiency (Approx.)	99.5%	99.4%	99.3%	99.9%	98.8%
Rating	Upto 5000 KVA				
Output Voltage	400 / 415V				
Cooling	Naturally Oil Cooled				
Correction Speed	10 - 15 V/sec.				
Wave form distortion	Virtually Nil				
Response Time	Instantaneous				
Duty Cycle	24 hrs Continuous on 100% load				
Operating Temperature	45°C above ambient				
Mounting	Uni-directional wheels				





**All Kind of Electrical Panel
Oil Cooled Servo Stabilizer
Air Cooled Stabilizer
Liner type Servo Stabilizer & Transformers**

Applications

- Air Conditioning Plants • Medical Equipments • Offset Printing Machines • CNC Machines • Escalators & Elevators
- Industries & Lighting Loads • Mall & Commercial Complexes • Residence & Office • Telecommunication Systems
- Sophisticated Laboratory Equipments • Defence Equipments • Motors • Cement Plants • Hotels • Industries • R&D Institutions • Data Centres • Distilleries & Beverages • Tea Estates • Meterological Equipments • Food Processing Units
- Cold Storages • Rubber Industries • Rice Mills • Sugar Mills • RO Plants



GREEN VOLT SYSTEM

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