

## How to avoid voltage fluctuations forever?



Precious Power®

**Keywords**

Power Distribution Transformer  
Manufacturers

**Hits**

544

**URL**

<http://www.indiafinder.in/blogs/detail/how-to-avoid-voltage-fluctuations-forever-128>

Are you fed up with frequent breakdowns of your electrical appliances? And which are too costly to repair, and are you tired of by trying different alternatives? The major reason for these troubles is voltage fluctuations and No need to worry we have a solution for all these troubles and that is voltage stabilizer. As the voltage is not constant across the distribution network especially at the end users which are causing various problems like distortion, noising, heating, fluctuations and etc. And the servo voltage stabilizer manufacturers in India/Pune developed a huge set of different voltage stabilizers to handle a wide variety of voltage variations. This article helps you to get a clear idea about voltage fluctuations and how they will happen and the best stabilizers to optimize the voltage imbalances.

Voltage fluctuations are nothing but changes in the voltage that is increase or decrease in the voltage coming from the mains supply to your home that makes the bulbs to glow dimmer or brighter than the normal. For most of the appliances they may not be harmful, but they do cause severe damage to the appliances which consists of motors. And also they can vary the output of the electrical appliance.

The best voltage stabilizer manufacturer in Pune-precious power technologies Pvt Ltd is specialized in fabricating, supplying, and exporting the top-quality robust and reliable servo voltage stabilizers. Precious power technologies suggest the apt stabilizers that are required for the users. It is one of the looming companies of servo voltage stabilizer manufacturers/suppliers in India, who follow higher quality standards and incorporated all the stabilizer units with cutting-edge technology. The popular units from the precious power are like static voltage stabilizer, air cooled servo voltage stabilizer in that single phase air cooled servo voltage stabilizer, linear servo voltage stabilizer manufacturer in Pune, servo controlled voltage stabilizer 3 phase oil cooled, and etc. we also provide the precision-engineered products such as power conditioners, a wide range of transformers, power savers, control panels, and UPS systems and much more.

Our servo controlled stabilizers use a unique advanced electronic servo motor concept to regulate the stabilization of a variable transformer. And the stabilizers enable voltage corrections, by maintaining the output voltage accuracy about  $\pm 1\%$  and with the input voltage level changes up to  $\pm 50\%$ . This kind of voltage stabilizers works under any power factors or frequency variations.

There are two types of servo controlled voltage stabilizers and they are air cooled servo voltage stabilizers and oil-cooled stabilizers. The air cooled servo voltage stabilizers are used in the areas where power capacities are less than 50kVA, and oil cooled stabilizers are used for the applications where the power requirement is more than 50kVA. And the air cooled servo voltage stabilizers are available in single and three phase models.

The single phase air cooled servo voltage stabilizers are available in various capacities like 1, 2, 3, 4, 5, 6, 7.5, 10, 15, 20, and 25 kVAs. We the precious power technologies as the top stabilizer manufacturer in Pune also fabricate the custom-built stabilizers as per the customer requirements.

A single phase air cooled servo voltage stabilizer consists of an AC synchronous motor which is coupled with an autotransformer. Based on the input fluctuations the servo motor adjusts the output voltage of

the auto-transformer and provides the stabilized output.

Whereas in the servo controlled voltage stabilizer 3 phase oil cooled type consists of three independent AC-synchronous motors that are coupled with three autotransformers and uses shaft and compatible gears. According to the input fluctuations, the servo motors of servo controlled voltage stabilizer 3 phase oil cooled adjusts the output voltage of the auto-transformer.

Some of the applications of the servo controlled voltage stabilizers:

Used in lighting loads.

Hotels & restaurants

Medical equipments

CNC machines

Laboratory instruments and industrial loads.

Three phase motor applications

In escalators and elevators and much more.

Conclusion-

Picking up the right voltage stabilizer which can resolve your voltage issues will be a tough job, and you have to consider basic and important guidelines while buying a voltage stabilizer and stabilizer manufacturer/suppliers/dealers in Pune-Precious power technologies Pvt Ltd will makes your job easy in choosing the right one that can perfectly suit your needs. One of the certified manufacturers of voltage stabilizers, that provide surge protection to all the stabilizers. The surge protection or spike guard is a great feature that protects your appliances from sudden voltage fluctuations.

CONTACT US:

Phone: +91 703 018 7187

Email :[customercare@preciouspower.in](mailto:customercare@preciouspower.in)

Webadress: <http://www.preciouspower.in>

## POSTED BY

Tellzme



### Address

Yamunanagar  
Yamunanagar 135001  
Haryana, India  
Sourabh Saini  
8957202020  
tellzme01@gmail.com

### Contact Person

### Mobile Number

### Email

tellzme.in is the local search engine in Yamuna Nagar. You can search for any services you need. Door Step Service Available for food, Saloon, Fruits, Grocery & other valuable products.

For more details, please visit

<http://www.indiafinder.in/detail/tellzme-7948>