



## Descriptions

The Servo Controlled Voltage Stabilizers constantly monitors the output voltage and controls the variations in the output voltage by movements of a motor. This motor in turn selects the proper output voltage on the variable transformer (variac).

### Controls and stabilizes:

- Output Voltage regulation  $\pm 1\%$  of voltage setpoint.
- The operation principle is electronic-mechanical reason why it does not alter to the frequency nor the waveform of the power provision.
- The microcontroller controls a motor that is the one in charge to vary the position of the axis of a variable autotransformer to be able to always maintain the output voltage in the setpoint value.
- It is able to control equipment of consumptions of up to **25 Amperes** in this model.

### Setpoint:

- **Output Voltage:** Form display LCD you can set the output voltage.

## Technical characteristics

- Output Voltage: from **40 Vca to 245 Vca**.
- Regulation:  $\pm 1V$ .
- Maximun load: **25 Aca**.
- Totally controlled by microcontroller.
- Setpoint of output voltage .
- Without steps in the output voltage.
- With Display LCD to view:
  - **Output Voltage:** Stabilized Voltage.
  - **Voltage set.**
- User Manual.
- Power supply: **220Vca / 50Hz**.
- Dimensions: 550 x 550 x 900(h) mm. Aprox.
- Weight: **68Kg**.
- Calibration report.

