

## SVC Series Single Phase Servo Motor Ac Voltage Regulator

Mod.: SVC-500VA

### Description:

SVC (TND/TNS) series servo motor automatic voltage stabilizer is the first generation of voltage stabilizer and made of contact type self-coupling voltage regulator, servo motor and automatic control circuit, etc. When the network voltage is unstable or the load change, the automatic sampling control circuit sends a signal to drive the servo motor to adjust the contact type self-coupling voltage regulator's carbon brush position, which finally make the output voltage regulated to the rated value and be stable. The overvoltage, undervoltage and delay protection can be added as per your requirement.

### Technical Parameters:

Power Range: 0.5KVA-60KVA (single phase);

Input Voltage: Ordinary 150-250V, or optional larger range;

Output Voltage: Ordinary 220V and 110V (Power: 500VA-3000VA), 220V (Power: 5KVA-60KVA) or be customized;

Output Accuracy: 220V $\pm$ 3%, 110V $\pm$ 6%;

Coil Material: Ordinary aluminum and copper mixed, full copper can be customized, please let us know when your place order;

Display: Ordinary meter type, LED or LCD display screen can be customized, please let us know when your place order;

Frequency: 50Hz/60Hz;

Adjusting Time: <1s ( when input voltage has a change of 10%);

Adjusting Speed: >15V/s;

Waveform Distortion: No additional waveform distortion;

Efficiency: >95%;

Relative Humidity:  $\leq$ 95%;

Ambient Temperature: -5 ~ +40°C;

Dielectric Strength: 1500V/min;

Insulation Resistance:  $\geq$ 2M $\Omega$ ;

Packaging Detail: Standard Export Carton or Wooden Case And Colour Box Package

Manufacturer: Wenzhou Reelen Electrical Co., Ltd.