

## SVC SERIES Automatic Single Phase Voltage Stabilizer/AVR 0.5-5KVA

## SPECIFICATION SHEET



### INTRODUCTION

SVC single phase full automatic AC voltage regulator stabilizer is made of servo motor and auto controlled circuit. When the voltage is unstable or load changes, the auto control system will send signal to start servo motor, to let output voltage adjust to rated value and stabilize the voltage.

Due to its stable working performance and high cost-efficient feature, it is widely used in home appliance and other field.

## TECHNICAL PARAMETERS

Technology	Servo motor control system
Input Voltage	150V-260V
Output Voltage	220V $\pm$ 2%
Phase	Single-phase
Frequency	50Hz/60Hz
Over Voltage Protect Value	260V $\pm$ 5V
Under Voltage Protect Value	173 $\pm$ 5V
Response Time	<1 sec. (against 10% input voltage deviation)
Accuracy	2%
Efficiency	>98%
Power Factor	0.8
Waveform Distortion	No additional waveform distortion
Insulation Level	Level H, 180°C
Ambient Temperature	0C~45°C
Relative Humidity	0~90%
Working Method	Continuously

- Dimensions and weight subject to change without notice
- Custom-made specifications are acceptable

## Single Phase Automatic Servo Motor Voltage Stabilizer/AVR 10 - 30KVA

## SPECIFICATION SHEET



### INTRODUCTION

ABOT single phase full automatic AC voltage regulator stabilizer is made of compensation auto transformer, servo motor and auto controlled circuit. When the voltage is unstable or load changes, the auto control system will send signal to start servo motor, to let output voltage adjust to rated value and stabilize the voltage.

Due to its stable working performance and high cost-efficient feature, it is widely used in home appliance and other industrial equipment.



## FEATURES

- Servo Motor Controlled, high load ability
- Full Automatic Stabilizer
- Wide Input Voltage Range
- With Fan For Air Cooling
- Quick Response to Voltage Fluctuations
- High Efficiency
- Gauge Board or LCD Display are Available
- With Compensation Transformer
- Full Protections



## TECHNICAL PARAMETERS

Nominal Capacity	10KVA	15KVA	20KVA	30KVA
Technology	Servo motor control system			
Input Voltage	220V $\pm$ 20%, or customized			
Output Voltage	220V $\pm$ 2%			
Phase	Single-phase			
Frequency	50Hz/60Hz			
Response Time	<1 sec. (against 10% input voltage deviation)			
Accuracy	2%			
Efficiency	>98%			
Power Factor	0.8			
Waveform Distortion	No additional waveform distortion			
Insulation Level	Level H, 180 $^{\circ}$ C			
Ambient Temperature	0C~45 $^{\circ}$ C			
Relative Humidity	0~90%			
Cooling Method	Forced ventilation (Fan)			
Dimensions (L*W*H)mm	320*400*630	320*400*630	320*400*630	500*380*710
Net Weight (Kg)	45	65	87	110

- Dimensions and weight subject to change without notice
- Custom-made specifications are acceptable