

## SVC Automatic Voltage Stabilizer

### 1. Application

SVC automatic voltage stabilizer consists of contact voltage regulator, sampling control circuit and servomotor as well. It has excellent features, such as small waveform distortion, high efficiency, high power factor, free from the effect or frequency variation of supply. It can be widely used in most situations where the voltage stabilization is required.



SVC-500VA



SVC-1500VA



SVC-3000VA



SVC-7500VA



SVC-10000VA

### 2. Specification

Input voltage	150V-250V
Output voltage	220V 3%, 110V 3%
Frequency	50Hz/60Hz
Response time	<1sec. (against 10% input voltage deviation)
Efficiency	>90%
Ambient temperature	-10°C ~ 40°C
Relative humidity	<90%
Waveform distortion	Non-lack fidelity waveform
Power factor cosφ	0.8
Insulation resistance	>5M

### 3. Outline and packing

Type	Outline(cm)			Weight(Kg)	Qty/CTN
	L	W	H		
SVC-500VA	18.5	15	12.5	17	4PCS
SVC-1000VA	21	18	14.5	20	4PCS
SVC-1500VA	21	18	14.5	25	4PCS
SVC-2000VA	27.5	23.5	18.5	7.8	1PC
SVC-3000VA	29	23	22	9.8	1PC
SVC-5000VA	45	24	18.5	14	1PC
SVC-7500VA	47	26	22	19.5	1PC
SVC-10000VA	47	26	22	24.5	1PC
SVC-15000VA	42	38	73	35	1PC
SVC-20000VA	42	38	73	68.5	1PC
SVC-30000VA	42	38	83	80	1PC
SVC-5000VA	28	30	46	19	1PC (Cabinet)
SVC-10000VA	44	32	56	31	1PC (Cabinet)



SVC-5KVA



SVC-10KVA

## SVC(LCD) Automatic Voltage Stabilizer

### 1. Application

SVC(LCD) automatic voltage stabilizer consists of contact voltage regulator, sampling control circuit and servomotor as well. It has excellent features, such as small waveform distortion, high efficiency, high power factor, free from the effect or frequency variation of supply. It can be widely used in most situations where the voltage stabilization is required.



SVC-D2000VA



SVC-D3000VA



SVC-D5000VA



SVC-D10000VA



SVC-D20KVA



SVC-D30KVA

### 2. Specification

Input voltage	150V-250V
Output voltage	220V 3%, 110V 3%
Frequency	50H/60Hz
Response time	<1sec. (against 10% input voltage deviation)
Efficiency	>90%
Ambient temperature	-10°C ~ 40°C
Relative humidity	<90%
Waveform distortion	Non-lack fidelity waveform
Power factor cosφ	0.8
Insulation resistance	>5M

### 3. Outline and packing

Type	Outline(cm)			Weight(Kg)	Qty/CTN
	L	W	H		
SVC-D500VA	18.5	15	12.5	17	4PCS
SVC-D1000VA	21	18	14.5	20	4PCS
SVC-D1500VA	21	18	14.5	25	4PCS
SVC-D2000VA	27.5	23.5	18.5	7.8	1PC
SVC-D3000VA	29	23	22	9.8	1PC
SVC-D5000VA	45	24	18.5	14	1PC
SVC-D7500VA	47	26	22	19.5	1PC
SVC-D10000VA	47	26	22	24.5	1PC
SVC-D15000VA	42	38	73	35	1PC
SVC-D20000VA	42	38	73	68.5	1PC
SVC-D30000VA	42	38	83	80	1PC
SVC-D5000VA	28	30	46	19	1PC (Cabinet)
SVC-D10000VA	44	32	56	31	1PC (Cabinet)

## SVC(NEW) Single-phase And Three-phase High Accuracy Full Automatic AC Voltage Stabilizer



SVC-500VA



SVC-3000VA

### Requirements for installation

<p>Please check the voltage stabilizer supply voltage and input voltage range (0.5KVA-5KVA)</p>	
<p>(0.5KVA-5KVA)</p>	
<p>Please pay attention to the cable connections between input terminal and power supply, and between output terminal and load</p>	
<p>The output voltage of the instrument shall be the same as that of voltage stabilizer</p>	
<p>Please adjust the selector switch of input voltage to a voltage step that is the same as power supply</p>	
<p>Mustn't use the voltage stabilizer in case of overload</p>	
<p>Please use good cables for connecting</p>	
<p>If the fuse is damaged, please examine your voltage stabilizer and load</p>	
<p>Please use the fuses of same rated values, mustn't use the nonrated fuses or wires</p>	
<p>Install it in the dry places without corrosive gas and water</p>	

## SVC2 Automatic Voltage Stabilizer

### 1. Application

SVC2 automatic voltage stabilizer consists of contact voltage regulator, sampling control circuit and servomotor as well. It has excellent features, such as small waveform distortion, high efficiency, high power factor, free from the effect or frequency variation of supply. It can be widely used in most situations where the voltage stabilization is required.



SVC2-2000VA

### 2. Specification

Input voltage	150V-250V
Output voltage	220V 3%, 110V 3%
Frequency	50H/60Hz
Response time	<1sec. (against 10% input voltage deviation)
Efficiency	>90%
Ambient temperature	-10°C ~ 40°C
Relative humidity	<90%
Waveform distortion	Non-lack fidelity waveform
Power factor cosφ	0.8
Insulation resistance	>5M



SVC2-3000VA

### 3. Outline

Type	Outline(cm)		
	L	W	H
SVC2-500VA	220	220	65
SVC2-1000VA	240	240	87
SVC2-1500VA	240	240	87
SVC2-2000VA	275	250	125
SVC2-3000VA	275	250	125
SVC2-5000VA	340	350	160
SVC2-7000VA	340	350	160



SVC2-5000VA

## SVC-D Series Fully Automatic A.C. Voltage Regulator

### 1. Summary

SVC-D Series AC automatic voltage regulator is the latest product studied and produced by ourselves. These products adopt 8 digits CPU control produced by the well-known MOTOROLA company, which can stabilize the precision and set up the delay time. The products also have many protection functions on delay, over-voltage invert-delay, lack voltage, over load invert-delay, lack voltage, over load, over temperature, machine malfunction and so on. They have digital display, blue-screen lightproof, dynamic panel display and it can show the working status of the machine. When the machine works abnormally, on the panel there is corresponding due and short or long warning.



SVC-D1000VA



SVC-D3000VA

Specification	0.5KVA,1KVA,1.5KVA,2KVA,3KVA,5KVA
Input Voltage	① AC 150V~250V ② AC 70V~130V
Output Voltage	AC ① 220 ② 110V
Stabilization Precision	When 220V, 3% When 110V, 3%
Frequency	50Hz,60HZ
Delay Time	Long:180s; Short:5s
Over-voltage Protection Value	① 250V/5s delay; ② 275V/2s delay; ③ 295V/1s delay; ④ 305V/0s
Lack-voltage Protection Value	180V/5s delay
Over-load Protection Value	2.8times than rated capacity
Over-temperature Protection Value	90°C
Load Capacity Factor	cos 0.9
Regulating Time	When input varies 10%, less than 1s
Waveform Distortion	No additional waveform distortion
Reactance Strength	1500V/1min
Insulation Resistance	>5M
Insulation Grade	E grade
Environment	Temperature: -10°C~+40°C ≠Humidity:<90%

## SVC(Three) Automatic Voltage Stabilizer

### 1. Application

SVC automatic regulator voltage consists of contact voltage regulator, sampling control circuit and servomotor as well. It has excellent features, such as small waveform distortion, high efficiency, high power factor, free from the effect or frequency variation of supply. It can be widely used in most situations where the voltage stabilization is required.

### 2. Specification

Input voltage	280V~430V
Output voltage	380V 3%
Phase	Three phase
Frequency	50Hz/60Hz
Response	<1 sec. (against 10% input voltage deviation)
Efficiency	Better than 90%
Ambient temperature	-10°C ~ +40°C
Relative humidity	Less than 90%
Waveform	Non-lack fidelity waveform
Insulation resistance	>5M



SVC-6KVA-3



SVC-9KVA-3

### 3. Outline and Packing

Type	Outline(cm)			Weight(Kg)	Qty/CTN
	L	W	H		
SVC-1.5KVA-3	48.5	22.5	17	16.5	1PCS
SVC-3KVA-3	48.5	22.5	17	24	1PCS
SVC-4.5KVA-3	48.5	22.5	17	25	1PCS
SVC-6KVA-3	39	31.5	77	36.5	1PCS
SVC-9KVA-3	43.5	36	77	49.6	1PCS
SVC-15KVA-3	48	36	70	65.5	1PCS
SVC-20KVA-3	51.5	40.5	85	88	1PCS
SVC-30KVA-3	59	46	109	108	1PCS
SVC-40KVA-3	64.5	52.5	109	190	1PCS
SVC-50KVA-3	64.5	52.5	109	203	1PCS
SVC-60KVA-3	64.5	52.5	109	210	1PCS
SVC-75KVA-3	67	56.5	130	240	1PCS
SVC-100KVA-3	67	56.5	130	260	1PCS



SVC-15KVA-3



SVC-30KVA-3



SVC-40KVA-3