

SVC Series

» AC. Automatic Voltage Regulator/Stabilizer

SVC Servomotor type AVR/AVS, with Analog/Digital Meter display, Single phase

► Features

The series product is a servo-motor type high accuracy household voltage stabilizer. Low power consumption, reliable work, high accuracy of stabilization, and good for use in regions where the net voltage is much fluctuating.

► Applications

Computer, Testing equipment, Lighting system, Communication system, Medical equipment, Industrial automatic equipment, Stereo sound equipment and home appliance etc.

► Main Technical Datas

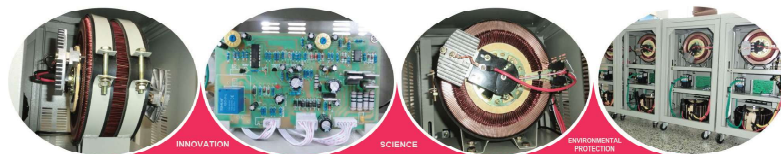
Phase no.	Single phase
Input voltage	160V~250V
Output voltage	220V, 110V(0.5~3KVA)
Output accuracy	220V ± 2.5%, 110V ± 5%
Frequency	50Hz/60Hz
Efficiency	>90%
Response time	≤1.5s(against 10% input voltage deviation)
Ambient temperature	-10°C~+40°C
Relative humidity	<95%
Insulation resistance	>2MΩ
Withstand voltage	1500V/min.
Overload	Double rated current, one min.
Waveform distortion	No additional waveform distortion
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.

Remarks: 200V/220V/230V/240V 1Phase optional
110V/120V/127V/130V 1Phase optional



Overload capability	Max overload time mins
20%	60
40%	30
60%	4

► Craft Images



◆ All specifications subject to change without notice.

► Order Specifications



0.5KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V/110V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5% or 110V ± 5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	43 × 27 × 37
Insulation resistance	>2MΩ	Qty per pkg(unit)	4
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		

1KVA/1.5KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V/110V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5% or 110V ± 5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	50 × 29 × 40
Insulation resistance	>2MΩ	Qty per pkg(unit)	4
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		

2KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V/110V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5% or 110V ± 5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	62 × 34 × 26
Insulation resistance	>2MΩ	Qty per pkg(unit)	2
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		

3KVA

Input voltage	160V 250V	Efficiency	> 90%
Output voltage	220V/110V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5% or 110V ± 5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	59 × 39 × 30
Insulation resistance	>2MΩ	Qty per pkg(unit)	2
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		

5KVA/7.5KVA/10KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	51 × 30 × 25 (5KVA)
Insulation resistance	>2MΩ	Qty per pkg(unit)	1 51 × 34 × 29 (7.5/10KVA)
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		

◆ Custom-made specifications are acceptable

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5KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	31 × 34 × 52
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



7.5KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	31 × 36 × 55
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



10KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	31 × 36 × 55
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



12KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	44 × 47 × 81
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



15KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	44 × 47 × 81
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



20KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	44 × 47 × 81
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



30KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	47 × 49 × 92
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



40KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	60 × 67 × 103
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



50KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	60 × 67 × 103
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		



60KVA

Input voltage	160V-250V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10°C ~ +40°C
Accuracy of voltage	220V ± 2.5%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	60 × 67 × 103
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, time delay etc.		

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