

SVC

single-phase and three-phase high accuracy
full-automatic AC voltage stabilizer

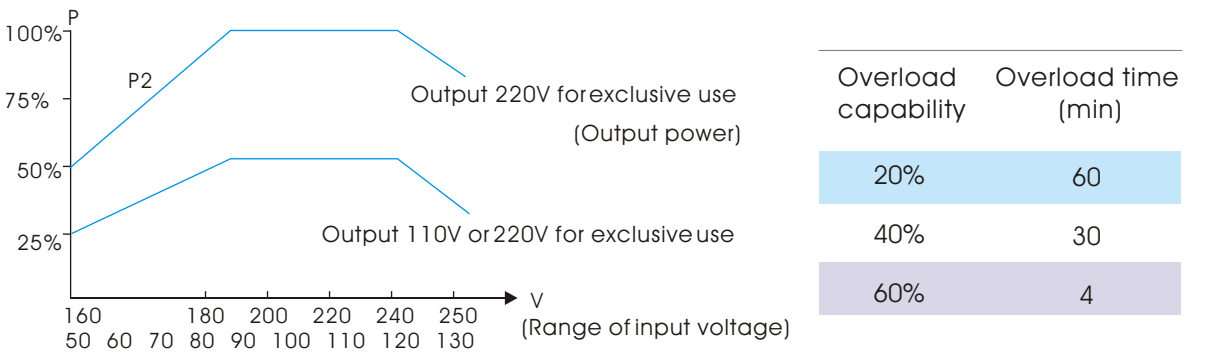


General

SVC single - phase and three - phase high accuracyfull-automatic AC voltage stabilizer is one kind of our dominant products, made up of contactauto voltage regulator, servo motor, automatic control circuit, etc. When thepower network voltage fluctuatesor the loadvaries, automatic sampling control circuit will send signalto drive the servo motor which can adjust the position of carbon brush of auto voltage regulator, then, the output voltage will be adjusted to ratedvalue and geta steady state.

This voltage stabilizer is of common type , it has the function of connecting through the commercial power. Compared with other voltage stabilizers, it has the advantage of great variety , complete specification, nice appearance and obvious features of high efficiency, no wave distortion, reliable performance, working continually for long time, besides, it is provided with short time delay and overvoltage protection, and the long time delay and under voltage protection also can beset according to user requirement. This product is an ideal stabilized voltage supply, widely used in any locations requiring electricity and ensures your power device can run normally.

Input voltage and output power




Requirements for installation

Please check the voltage stabilizer supply voltage and input voltage range (0.5KVA-3KVA)

140V-250V → 220V
110V


Mustn't use the voltage stabilizer in case of overload.




5KVA-30KVA

140V-250V → 220V


Please use good cables for connecting.




Please pay attention that the cable connections between input terminal and power supply, and between output terminal and load.




If the fuse is damaged, please examine your voltage stabilizer and load.




The output voltage of the instrument shall be the same as that of voltage stabilizer.




Please use the fuses of same rated values, mustn't use the non-rated fuses or wires.



Please adjust the selector switch of input voltage to a voltage step that is the same as power supply.



Install it in the dry places without corrosive gas and water.



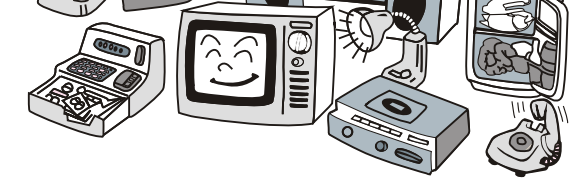
Application

For office equipment, testing equipment, medical equipment, industrial automation equipment, household appliance, lighting system, communication system, etc.

Provide kinds of electrical appliances with abundant electric power meeting different requirements

Input	Output
160-250V	220V
70-130V	110V

Output stably



Performance

Single-phase input voltage	140V-250V	Frequency	50Hz/60Hz
Single-phase output voltage	0.5KVA-3KVA 220V and 110V 5KVA-30KVA 220V	Adjustable time	< 1s(when input voltage has a change of 10%)
Three-phase input voltage	Phase voltage 160V-250V Wire voltage 277V-430V	Ambient temperature	-5 - +40
Three -phase output voltage	Phase voltage 220V Wire voltage 380V	Waveform distortion	No additional waveform distortion
Accuracy of voltage stabilization	220V 3% 110V 6%	Load power factor	0.8
		Dielectric strength	1500V/1min
		Insulation resistance	≥

Model and spec

	Spec (KVA)	Product size D W H(cm)	Package size D W H(cm)	Weight (kg)	Qty
Single -phase two -wire (desk type)	SVC-0.5	17 19 13	44 25 35	5.0	4
	SVC-1	20 22 16	50 28 40	7.0	4
	SVC-1.5	20 22 16	50 28 40	8.0	4
	SVC-2	26 24 19	34 32 50	14	2
	SVC-3	29 22 24	62 38 34	16	2
	SVC-5	46 24 19	54 32 27	27	1
	SVC-8	57 27 24	71 40 35	40	1
Single -phase two -wire (vertical type)	SVC-10	57 27 24	71 40 35	41	1
	SVC-5	29 24 40	31 29 48	28.5	1
	SVC-8	29 24 42	40 35 52	39	1
	SVC-10	29 24 42	40 35 52	40	1
	SVC-15	40 33 65	48 45 90	75	1
	SVC-20	58 35 68	68 48 90	110	1
	SVC-30	53 43 102	64 53 112	165	1
	SVC-45	79 43 129	90 65 140	200	1

	Spec (KVA)	Product size D W H(cm)	Package size D W H(cm)	Weight (kg)	Qty
Three -phase four -wire	SVC-1.5	40 36 17	52 48 28	18	1
	SVC-3	42 38 19	54 50 31	23	1
	SVC-4.5	42 38 19	54 50 31	27	1
	SVC-6	37 28 68	48 40 78	39	1
	SVC-9	35 33 78	48 45 90	48	1
	SVC-15	43 38 73	55 51 90	85	1
Three -phase four -wire	SVC-20	43 51 91	64 55 106	124	1
	SVC-30	43 51 91	64 55 106	131	1
	SVC-45	65 43 95	78 55 110	197	1
	SVC-60	77 55 100	90 67 115	260	1