

SVC TND Full Automatic AC Stabilizer

APPLICATION

The stabilizer is used for supplying power to any of electric equipments which require stable electric power, such as: computer, TV, copping machine, air conditioner compressor, refrigerator, technical or development, programming telephone, high precision video and light system. It is an ideal stabilizer which can be used in the industrial, scientific research and medical field as well as domestic apparatus.

PRINCIPLE & CHARACTERISTICS

It adopt linear integrated circuit to form the control system, drive the contact voltage regulator to regulate automatically by controlling the servo motor, it is provided with delay, over-voltage, under-voltage and over-current protection function which ensure the voltage stabilizer can supply safely; It has the advantage of high efficiency, same input and output voltage waveform, stable output voltage, work continuously and so on.



SVC-3000VA



SVC-5000VA



SVC-9KVA

MAIN TECHNICAL PARAMETER (SINGLE-PHASE)

Type		TND0.5kVA~5kVA	TND10kVA~20kVA
Input voltage range		150V~250V	
Output voltage	Regulation accuracy	220 ± 3%、110 ± 3%	220 ± 3%
	Under-voltage protection	184V ± 4V (To be set according to users requirement, generally not set)	
	Over-voltage protection	246V ± 4V	
Efficiency		> 90%	
Regulating speed		< 1S (when input voltage changes 10%)	
Temperature-rise		< 60 °C (under full-load condition)	
Frequency		50Hz/60Hz	
Ambient temp, Relative humidity		-5 °C ~ +40 °C, less than 90%	
Waveform distortion		No additional distortion	
Max rated output current		0.5kVA 2A、1kVA 4A、1.5kVA 6A、2kVA 8A、3kVA 12A、5kVA 20A、10kVA 40A、15kVA 60A、20kVA 80A	
Withstand voltage		Zn comply with related industrial standard	

MAIN TECHNICAL PARAMETER (THREE-PHASE)

Type	Power output
Input voltage	320V~430V
Output voltage	380 ± 4%
Frequency	50Hz/60Hz
Regulating time	<1S (when input voltage changes 10%)
Max rated output current	1.5kVA 2A、3kVA 4A、4.5kVA 6A、6kVA 8A、9kVA 12A、15kVA 20A、20kVA 28A、30kVA 40A、45kVA 60A
Ambient temp	-5 °C ~ +40 °C
Temperature-rise	< 60 °C
Relative humidity	Less than 90%
Waveform distortion	No additional distortion
Efficiency	> 90%
Withstand voltage	Zn comply with related industrial standard