

SVC系列

单相高精度全自动交流稳压器



SVC series Single-phase high accuracy full automatic AC voltage stabilizer

概述

General

SVC系列单相高精度全自动交流稳压器是由接触自耦调压器、伺服电动机、自动控制电路等组成。当电网电压不稳或负载变化时自动采样，控制电路发出信号驱动伺服电机，调整自耦调压器碳刷的位置，使输出电压调整到额定值并达到稳定状态。本仪器体积小、重量轻、输出波形失真小、性能可靠、可长期运行等特点，设有过压保护功能，根据用户需要，可设欠压、延时等保护功能。可广泛用于任何用电场所，是一种理想的稳压电源。

SVC single-phase high accuracy full automatic AC voltage stabilizers is made of the contact type self-coupling voltage regulator, servo motor, automatic control circuit and so on. When the voltage of the network is not steady or the load varies, the automatic sampling control circuit makes a signal to drive the servomotor to adjust the position of the carbon brush of the self-coupling voltage regulator so as to have the output voltage regulated to the rating and to obtain the steady state. This machine has advantages of small volume, light weight, undistorted waveform, high efficiency, reliable performance, and time-delay, over-voltage, etc., the series of stabilizers of the general type, the ideal voltage stabilized sources which can be widely applied to any occasions requiring power to assure the normal operation of your power driven equipment.

适用范围

Application

计算机，测试设备，照明系统，通讯系统，医疗设备，工业自动化设备，音响设备，复印机，空调等。

Computers, test equipment, lighting systems, safety alarm systems, X-ray systems, communication systems, medical equipment, duplicators, stereo sound equipments, color film developing equipment, digital control machine tools, TV sets, office appliances.

型号规格

Specifications and Model

型号规格 Spec Model	包装数 Unit	内箱尺寸 Package size	净重(Kg) Weight
单相 500VA	4	22×20.5×16.3	6
1000VA	4	26.5×23.7×18	7.5
2000VA	2	32×29.2×21.8	12.5
3000VA	2	34.5×29×26	15
5000VA	1	54×29.5×30.5	25
10000VA	1	34.5 x 29.5 x 54	46
15000VA	1	36×34×66	60
20000VA	1	49.2×41×87	75
30000VA	1	49.2×41×87	90

技术指标

Technical index

输入电压	Input voltage	140~260V 5KVA 以上160~250V
输出电压	Output voltage	220V±3% 110±4%
相数	Phase	单相 Single-Phase
频率	Frequency	50~60Hz
调整速度	Debug speed	> 15V/秒 > 15V/sec
额定功率	Max of	0.5 1 1.5 2 3 5 10 15 20 30KVA
输出电流	Output current	2 4 6.5 8 10 20 40 60 80 120A
过压保护	Protection over voltage	245±5V
延时	Delay	短延时3-7秒 Short Delay 3~7 sec
效率	Efficiency	> 95%
温升	Temperature rise	< 70k(满负荷条件下)(full load)
耐压	Voltage with stand	符合部颁标准 national standard
波形失真	Wave form distortion	无附加波形失真 No wave-form distortion
环境温度	Ambient temperature	-5~+40°C
相对湿度	Relative humidity	低于90%

