K *INSTRUMENT*

SVC Single Phase Voltage Stabilizer

Application

SVC-500W

SVC fully automatic A.C voltage stabilizer consists of contact voltage regulator, sampling control circuit and servo motor. When input voltage or load changes, sampling control circuit will sample and amplify the voltage, and the servo motor will rotate in the desired direction, which turns the arm, adjusting voltage until the output voltage is regulated into the rated output voltage.

The product is of small size, light weight, less output waveform distortion and reliable performance. To guarantee its quality, foreign advanced technology and main parts are introduced and imported. It is widely used in electrical appliances which need constant voltage power supply, and in fields of industry producing, scientific research and medical hygiene.

The product itself consumes little and can be continuously used for a long time.

Specifications

SVC-1000W

Input Voltage	160V~250V 70V~130V
Output Voltage	220±3% with 110V±3%
Phase	Single Phase
Frequency	50/60Hz
Response time	within 1 sec. against 10% input voltage deviation
efficiency	Better than 90%
Ambient temperature	-5°C~+40°C
Relative Humidity	Less than 95%
Waveform distortion	Non-lack fidelity in waveform

SVC-1500W

SVC-2000W

SVC-3000W

SVC-5000W

SVC-8000W

SVC-10000W

SVC Single Phase Vertical Voltage Stabilizer

SVC-5000W

SVC-8000W

SVC-10000W

SVC-15000W

SVC-20000W

SVC-30000W

Specification

Model	SVC-500W	SVC-1000W	SVC-1500W	SVC-2000W	SVC-3000W	SVC-5000W	SVC-8000W	SVC-10000W	SVC-15000W	SVC-20000W	SVC-30000W
Output Power	500VA	1000VA	1500VA	2000VA	3000VA	5000VA	8000VA	10000VA	15000VA	20000VA	30000VA

SVC Three Phase Voltage Stabilizer

SVC-3KW

SVC-4.5KW

SVC-6KW

SVC-9KW

SVC-15KW

SVC-20KW

SVC-30KW

Application

SVC Three phase automatic voltage stabilizer is the combination of SVC high function single phase automatic voltage stabilizer. The incoming power of the power network is three phases four wires system, the output power is also three phases four wires with three electric meters to indicate three phases separately, and a shift switch & voltage meter to shift and survey each phase.

Applicable places:

- Computer
- Test equipment
- Lighting equipment
- Alarm and security system
- X-ray equipment
- Communication system
- Medical equipment
- Photographic processing equipment
- Numeric control machine tool
- Industrial robot
- Laboratory instrument
- Hi-Fi equipment

Specifications

Model (KVA)	1.5, 3, 4.5, 6, 9, 15, 20, 30, 50, 60
Input Voltage	Three-Phases 280-430V
Output Voltage	Three-Phases 380V±3%
Phase	Three-Phases
Frequency	50/60Hz
Response Time	Within 1 sec. against 10% input voltage deviation
Efficiency	Better than 90%
Ambient Temperature	-5˚C~+40˚C
Relative Humidity	Less Than 95%
Waveform distortion	Non-Lack Fidelity in Waveform
Insulation Resistance	More Than 5MΩ

$TDGC_2$ $TSGC_2$ Voltage Regulator

$TDGC_2$-1KVA

$TDGC_2$-3KVA

$TSGC_2$-10KVA

Application

The product is special auto transformer which is connected in different forms. Its output voltage can be regulated smoothly and continuously from zero to the maximum value. The provision of an indication meter is made for the models $TDGC_2$ 0.2, 0.25, 0.5KVA. All models find pupular applications in industries, agriculture and scientific researches, and are particularly suited to serve as ancillary facilities for such equipment as various machine tools, transistor curve tracers, projecting TV sets, and analytical instruments in petroleum industry, etc.

Specifications

Model	Phase	Fre-quency (Hz)	Input voltage (V)	Cutput voltage (V)	Max.output current (A)	Shape
$TDGC_2$ -0.2KVA	1	50/60	110/220	0-250	0.36/0.8	Round
$TDGC_2$ -0.25KVA					0.4/1	
$TDGC_2$ -0.5KVA					0.88/2	
$TDGC_2$ -1KVA					1.6/4	
$TDGC_2$ -2KVA					3.2/8	
$TDGC_2$ -3KVA					4.8/12	Hexagon
$TDGC_2$ -5KVA					8/20	Round
$TDGC_2$ -10KVA					16/40	Octagon
$TDGC_2$ -15KVA					24/60	
$TDGC_2$ -20KVA					80	
$TSGC_2$ -3KVA	3	50-60	220/380	0-430	1.6/4	Hexagon
$TSGC_2$ -6KVA					3.2/8	
$TSGC_2$ -10KVA					5.4/13.4	
$TSGC_2$ -15KVA					20	Octagon
$TSGC_2$ -20KVA					28	
$TSGC_2$ -30KVA					40	

AC/DC Inverter

Application

ZUP-1000

AC/DC inverter is designed for switching DC24V to AC110-220V. They can be used outdoors or on home appliance as emergency power. Usually, cord with AC power socket and the DC power cord with DC battery. When the load connects to the DC power cord with DC power, if the commercial power falls, the inverter will convert the batttery voltage to AC voltage and go on supplying. When the commercial power restall, the inverter will switch to charge the battery by itself. When the battery is fully charged, it will stop automatically.

Feature

ZUP-1500

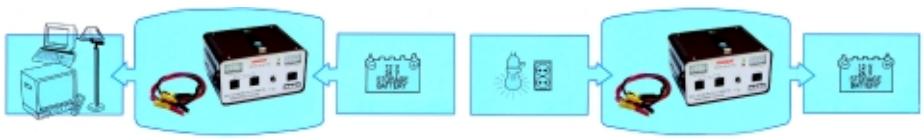
- AC voltage available for AC 100V, 110V, 120V, 220V, 230V or 240V at request.
- Each unit contain two AC socket available for two pin plug.
- Automatic function change for inverter or batttery charge.
- Selective 4 AC voltage for each unit, such as when AC 110V, it will be available for AC 110V, 120V, 130V and 140V.
- Different led indicator for function of inverter and charger.
- Each unit contain a AC cord for AC input voltage besides.
  Model ZUP-300 and ZUP-300A unit contains an extra power cord for DC battery.
- Products applicable for:

A. Personal computer.
B. Various video/audio equipment. (TV, casset, tape record, etc.)
C. Small motor equipment.
D. Various lighting equipment. Protection:
a. Protection for short circuit and polarity reverse of battery.
b. Overload fuse protection for charging current, input voltage and output voltage.

Information for Packing

Model No.	DC Voltage	Capacity	Charging Current
ZUP-300VA	DC12V, 24V	max.300W	max.25A
ZUP-500VA	DC12V, 24V	max.500W	max.35A
ZUP-1000VA	DC12V, 24V	max.1000W	max.35A
ZUP-1500VA	DC12V, 24V	max.1500W	max.45A
ZUP-2000VA	DC12V, 24V	max.2000W	max.60A

- Two outlets are incorporated for the simultaneous use of both the 110V and 220V outlets.
- The sockets are of a type that is capable of accepting two different types of plugsprongs and blades of two different forms.
- Built-in overload protection circuit and overdischarge protection circuit.



Batteries can be easily charged using home AC power source.

Battery charging will be made safer than using automatic charging voltage control system.

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WENZHOU DAQUAN ELECTRIC CO.,LTD.
WENZHOU TAIBANG TRADING COMPANY LTD.
Add: No.172 Xinguang Industrial Zone, Liushi, Wenzhou, 325604.China
Tel: 0086-577 62797612 62797610 Fax: 0086-577 62797575
Http: //www.taibang.net www.daqcn.com
E-mail: daquan@daqcn.com