

# DIGITAL SERVO CONTROLLED VOLTAGE STABILIZER

## SVS Series 2KVA -2000KVA



Oil Cooled



Air Cooled



### SALIENT FEATURES:

- Advanced Microprocessor based design
- Wide Input Voltage Range
- No wave form distortion
- Fastest rate of correction and very high efficiency
- Auto/Manual operation facility from front panel
- Fine control for adjusting output voltage as per requirement
- Single phase preventer, in case of three phase units
- Reduction in electricity bill in case of continuous high voltage
- Less production losses & increase life of your equipments
- Saves diesel cost, as generator is not required to run at low/high I/P voltage.

## APPLICATIONS



- **GOVERNMENT AND INFRASTRUCTURE**



- **IT AND IT ENABLED SERVICES (IT/ITes)**

- **BANK, INSURANCE & FINANCIAL SERVICES**



- **TELECOMMUNICATIONS**

- **MANUFACTURING**

- **MEDICAL DIAGNOSTICS- MRI, CT SCAN, SONOGRAPHY, CATH LAB, BLOOD BANK**



- **INDUSTRIAL AUTOMATION- CNC ROUTERS, FIBER LASER METAL CUTTING, SORTEX**



## ▶ Technical Specifications

PARAMETER	SINGLE PHASE	THREE PHASE
<b>Capacity</b>	2KVA to 25KVA	6KVA to 2000KVA
<b>Input Voltage Range</b>	Range 1 :170V- 270V,170V-300V Range 2 :140V-270V, 140V-300V Range 3 :110V-270V, 110V-300V Range 4 : 90V- 270V, Range 5 : 90V-300V  (Also Can be customised)	Range 1 :360V-470V,360V-520V Range 2 :330V-470V,340V-520V Range 3 :300V-470V,300V-520V Range 4 :270V-470V,270V-520V Range 5 :240V-470V,240V-520V Range 6 :190V-470V,190V-520V  (Also Can be customised)
<b>Input frequency</b>	47-53Hz	47-53Hz
<b>Output Voltage Range</b>	230V $\pm$ 1% (Adjustable $\pm$ 5%)	400V $\pm$ 1% (Adjustable $\pm$ 5%)
<b>Type of Cooling</b>	Natural Air cooled	Oil cooled
<b>Insulation</b>	Class 'F'	Class 'F'
<b>Efficiency</b>	More than 98% at full load	More than 98% at full load
<b>Wave form Distortion</b>	Nil	Nil
<b>Metering (LCD Display)</b>	I/P & O/P Voltage at each phase, load current at each phase and Ammeter (Optional) for R,Y,B input currents with selector switch	
<b>Over Load</b>	110% for 5min. & 125% for 1min.	
<b>Duty Cycle</b>	100% Continuous	
<b>Output Wave form</b>	Faith full replica of input waveform	
<b>Core Used</b>	Toroidal	
<b>Correction rate</b>	15V/20V/35V per second	25V/35V/60V per second
<b>Operating Temp.</b>	-15 deg. to +52 deg.	-15 deg. to +52 deg.
<b>Operating Humidity</b>	95% RH Non-condensing	
<b>Suitability</b>	Suitable for 3 Ph unbalanced/balanced supply & Unbalanced /balanced load	
<b>Environment</b>	Indoor Type	
<b>Standards</b>	Confirming to latest IS 9815/1994 (Reaffirmed 2004) & First filling Oil confirming to IS:355/IEC296	
	<b>SAFETY</b>	IEC/EN 60950
	<b>EMC</b>	IEC/EN 62040-1,IEC/EN 62040-2,IEC/EN 62040-3,IEC/EN 61000-4,IEC/EN 60146

\*Specifications are subject to change without prior notice

### APPLICATIONS:

- CNC machines, Laser machines and moulding machines etc.
- Medical equipments-X-ray machine, ECG,MRI, CT SCAN etc.
- Data Centres & Telecommunications Equipments
- Escalators and Elevators
- Offset printing ,Embroidery & Modern Textile machines
- Residence &office
- Mall & Commercial Complexes
- Sophisticated Laboratory equipments and AC plants.
- Defence equipments
- Cold Storage, Rice Mills, Sugar Mills & RO Plant

### OPTIONAL FEATURES:

- Low/High voltage cut off System
- Over Load & Short circuit Protection
- Phase Sequence Corrector
- Neutral Failure Protection
- Single Phase preventer
- Change Over Switch to bypass the stabilizer and use main voltage directly

# QUALITY POLICY

We, at **Indo Powersys Pvt. Ltd**, aim

- To provide safe and reliable power control systems to our customers.
- To fully meeting customers' requirements in terms of specification, quality, cost and delivery.
- To deliver prompt services with quality.
- To continual improvement in customer satisfaction through involvement of all employees at all levels.

## Mission

We dedicate ourselves to provide;

- 99 % on time delivery.
- Products with cutting edge technology and high degree of reliability.
- Customised solution at affordable price.
- Quality after sales services.

## Our objectives

- 99 % on time delivery.
- Promptly customer complaint handling.
- Reduce customer complaints up to 4-5%.
- To enhance productivity through improved working methods and motivated employees.
- Provide training to employees for controlling human errors.

## OUR MAJOR CUSTOMERS



## Our Other Products:

Online UPS, DSP Sinewave Home UPS, Chemical Gel Earthing, Isolation Trx, Battery Charger, Converter & Battery



**Indo Powersys Pvt. Ltd.**

An ISO 9001, 14001, 45001, 27001, RoHS, BIS & CE Certified Co.

J-1249, Phase-III, Sitapura, Industrial, Area, Jaipur-22

Email: info@ips2k.com, indopowersys@gmail.com

Ph.: 0141-2771421, Service Hotline No. 9928014076

