



*Your equipment needs power to work...  
It also needs care to work longer.*

## SERVO STABILIZER

SCVS 1 KVA - 1000 KVA

Use PRIORITY SERVO CONTROLLED  
VOLTAGE STABILIZER (PSCVS)  
for your equipment's longer life.

### Salient Features :

- IS 9815 -Compliance.
- Digital Auto-Scrolling display indicating all parameters Viz. line & phase voltages & load current.
- Electronic over load shutdown (optional).
- Available in single, Two & three phase.
- Unbalanced line & load Regulation.
- Compact Design.
- Noise Free operation due to Nylon Gears.
- No Distortion in waveform.
- ECVS with Non-Standard I/P & O/P voltages available.

### Applications :

- CNC / NC-Machines.
- Computers, Engg. Workstation (CAD/CAM/CAE).
- Tele-Communication equipment.
- Medical Engineering equipment.
- All types of Lab - Instruments.
- Power generating stations.
- Many more critical / Non critical applications.



# SERVO CONTROLLED VOLTAGE STABILIZER

## FEATURES :

- Auto manual operation with o/p voltage Raise & Low push button.
- Miniature Pot to set o/p voltage.
- Separate Load / Load off push button.
- Fully solid state & single PCB design incorporating protections, control.
- User friendly front panel indicating I/p & o/p voltage control.
- AC Synchronous motor coupled with varia to facilitate high rate of voltage correction.
- Silent operation, construction convenient or easy serviceability.
- Proper ventilation with instrument cooling fan & louvers.
- Cable entry through proper gland plate.
- Castors to facilitate easy transportation.

## PROTECTIONS :

- Under over voltage.
- Over current trip, MCB/ MCCB
- Surge Suppression.
- No Distortion in waveform.
- No Effects of variation in I/p supply, load P.F. on O/p Voltage setting.



## RATINGS

KVA	1Ph KVA	3ph AMPS
0.5	2.5	2.2
1.0	3.0	4.4
1.5	4.5	6.6
2.0	6.0	8.8
2.5	7.5	10.3
3.0	9.0	13.0
4.0	12.0	16.4
5.0	15.0	22.0
6.0	18.0	22.0
7.5	22.5	33.0
10.0	30.0	44.0
12.0	36.0	52.0
15.0	45.0	66.0
20.0	60.0	83.0
25.0	75.0	104.0
30.0	90.0	135.0
33.00	100.0	137.2*
-	125.0	170.0*
-	150.0	208.0*
-	200.0	322.0*
-	300.0	416.0*
-	400.0	554.0*
-	500.0	691.0*



SCVS Oil Cooled  
100-1000 KVA

Other Product :  
Industrial Energy Saver

## TECHNICAL SPECIFICATIONS

	Single Phase	Three Phase	Unit
Capacity	0.5 to 30	1.5 to 1000	KVA
Input	175-270	340-465	Volts AC
Frequency	47 - 52		Hz
Output	230	415	Volts AC
O/p Regulation	±1		%
O/p Voltage	± 15% Volt of O/p		Volts
Adjustment	Voltage		
Tripping Levels	±15% set of O/p		%
	Voltage		
Rate of Correction	35v	70v	V/Sec
Metering	Digital Voltmeters		
	Ammeter		
Operating Temp	0-50		C
Humidity	95		%
Efficiency	>98		%

\* Oil cooled

 **Enviro Systems**

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