

Precise Correction, Complete Protection.

Servo Controlled Voltage Stabiliser

SP SERIES - SINGLE PHASE AIR COOLED

SP - 1 kVA To 25 kVA



Salient Features

- Rugged and Smooth Voltage control.
- Electronic OV, UV & Overload Cutoff System.
- Intelligent time delay for Cutoff.
- High accuracy Digital Voltmeter at output.
- Ideal informative & user friendly front panel.
- Faster correction with zero hunting.
- BOP mounting of variac ensuring zero carbon deposit & optimum brush tension.
- Compact design with pleasing aesthetics.

Other Aircooled 3 Ph Series

- **AC Series** : For unbalanced / balanced Input Voltage and Load Conditions.
- **AR Series** : For residential Single Phase Loads distributed over three phases.
- **PSU Series** : For lighting loads to keep optimum brightness with reduced voltage.

Application

- Computers & Photo lab equipments
- Printing equipments
- Health care equipments
- Commercial establishment
- Telecom tower equipments
- Knitting equipments
- Air conditioners
- Other Sophisticated equipments

Airkom Electronics Pvt. Ltd (AEPL) is a part of **AIRKOM GROUP**. It has its Head Office and Factory at Navi Mumbai. Established in 1987, Airkom has its operations across the country. AIRKOM range of power conditioning products are manufactured, marketed and serviced by a young and dynamic team of engineers lead by a technocrat over 40 years experience.

Airkom SCVS Range

SP Series	: 1 to 25 kVA
TPAC Series	: 3 to 400 kVA
TPOC Series	: 3 to 1000 kVA
TPOB Series	: 3 to 1000 kVA
TPOL Series	: 15 to 1000 kVA

- Servo Control Voltage Stabilizer
- Uninterrupted Power Supply (UPS)
- Integrated Power Control System (IPCS)
- Power Saver Unit
- Industrial Automation - Drives, Motion & Control
- Isolation / Ultra Isolation Transformer
- Step Down / Step Up Transformer
- After Sales Support

AIRKOM

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TECHNICAL SPECIFICATIONS

1. Nominal output voltage	230 V (Internally settable to 220 V or 240 V)
2. Input voltage range at 230 V output voltage	
Model SP 7070	170 V - 270 V
Model SP 4070	140 V - 270 V
3. Input frequency range	47 Hz - 53 Hz
4. Output voltage regulation	±1% of nominal voltage
5. Average Correction rate	35 V / Sec
6. Servo Motor drive	A.C. Synchronous stepper motor
7. Efficiency	Better than 97%
8. Output Voltage Indication	Digital Voltmeter.
9. Resolution and accuracy of Digital Voltmeter	1 V; ± 0.5% of Full Scale, ± 1 digit.
10. Electronic Over and Under Voltage cut off	
Output high	+ 5% above Nominal output voltage
Output low	-10% below Nominal output voltage
11. Electronic overload cut off	Operative above 110% of rated output
	Current with Intelligent time delay
12. Short circuit protection	Through HRC Fuse at input
13. Fault annunciation Panel LEDs *	Input Present, Input High, Input Low. Output
	Normal, Output High, Output Low & overload
14. Resetting mode	Automatic with option for Manual Restart
15. Output on time delay	Standard 15 seconds (Internal settable 3 minutes)
16. Response time	10 ms
17. System construction	As per IS : 9815 Part II
18. Standard kVA rating available	1 / 2 / 3 / 4 / 5 / 7.5 / 10 / 15 / 20 / 25
19. Guarantee	1 Year No Questions Asked Guarantee
20. Installation Requirements to be provided by the customer.	Input / Output cables and other accessories to be
	Provided by the user for the ratings above 3 kVA.
21. Spike & Surge Suppressor	Provided as per request.
22. Dimension - 1 / 2 / 3 kVA	W D H Kg
4 & 5 kVA	W D H Kg
7.5 & 10 kVA	W D H Kg
15 kVA	W D H Kg
20 & 25 kVA	W D H Kg

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication
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For more product information please contact us:

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