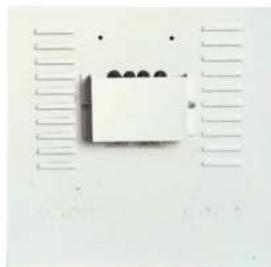


## SERIES 08

Servo Voltage Stabilizer, Low High Voltage Cut Off, Overload & Short Circuit Protection, By Pass Facility, Copper 100%, 08SSA5

CAPACITY IN KVA	INPUT VOLTAGE RANGE IN VOLT	MAXIMUM EFFICIENCY %	OUTPUT VOLTAGE RANGE IN VOLT
5	90 - 280	> 99%	220 - 240

### Key Features & Benefits



-  Eliminates voltage fluctuations.
-  Provides correct voltage to the accuracy of  $\pm 1\%$ .
-  Voltage control is step-less.
-  Reduces failure rate of electrical devices
-  Functions as Energy saving device.
-  Negligible phase shift ensuring no change in systems power factor.

### APPLICATIONS

- ❖ Full house load
- ❖ Medical/laboratory equipments
- ❖ Photocopiers/Computer
- ❖ Any sophisticated electric/electronic equipment

## Technical Specifications

Model Number	08SSA5-90	08SSA5-140
<b>Input</b>		
Input Voltage Range*	90VAC - 280VAC	140VAC - 280VAC
Input Frequency	50Hz ± 3Hz	
Wave form	Sinusoidal	
Input Connection	(P,N,E)	
<b>Output</b>		
Capacity	5 KVA	
Output Voltage*	230 VAC	
Maximum Current	17.4 A	
Line and Load Regulation	±1%	
Efficiency	>99%	
Output Frequency and waveform	Same as input	
Output Connection	(P,N)	
Effect of Power Factor	Nil	
Motor Drive	Heavy Duty AC Synchronous Motor	
Correction Speed	20 V/sec	
Response time	< 10 millisecond	
Duty Cycle	Continuous	
<b>Protection, Display and Features</b>		
Indication	LED Display : Mains On / Output On / Low Cut – Off / High Cut – Off	
Display	Digital display of Input voltage, Output Voltage	
Protection	Over Voltage / Under Voltage / Over Load / Short Circuit	
By Pass Facility	Yes	
Time Delay	Yes	
DG Compatibility	Yes	
Insulation Resistance	5 megaohm or higher measured at 500V DC	
<b>Constructional Details</b>		
Dimensions in mm	335x400x350	
Weight in Kg	23	
Earthing Point	Yes	
Operating Temperature	0 – 50°C	
Nature of Cooling	Air Cooled	
Coat and colour	Powder Coated with Siemens Grey colour	
<b>Standards and Warranty</b>		
Stabilizer Standard	As per IS 9815	
Manufacturing Standards	ISO 9001: 2015 Quality management system	
Warranty	1 Year, against any manufacturing defects.	

\* For different Input/Output Voltage range consult factory/sale

Note: HPCS is continuously upgrading its products that may lead to change in specifications.

#### Manufacturing Unit :

#### Hindustan Power Control System,

10-P, Behind Sharda Dharam Kanta, Amausi Industrial Area, Nadarganj, Kanpur Road, Lucknow - 226008  
T: +91-9235303561, +91-9235303562 | hpcs284@yahoo.com | www.hpcs.in

#### Registered Office:

Hindustan Power Control System, 284, Hind Nagar, Kanpur Road, Lucknow – 226012, U.P., India

## SERIES 08

Servo Voltage Stabilizer, Single Phase, Low High Voltage Cut Off, Overload & Short Circuit Protection, By Pass Facility, Copper 100%, 08SSA15-90

CAPACITY IN KVA  
15

INPUT VOLTAGE RANGE IN VOLT  
120 - 280

MAXIMUM EFFICIENCY %  
>/= 99%

OUTPUT VOLTAGE  
240 ±1%



### Key Features & Benefits

-  Eliminates voltage fluctuations.
-  Provides correct voltage to the accuracy of ±1% .
-  Voltage control is step-less.
-  Reduces failure rate of electrical devices
-  Functions as Energy saving device.

### APPLICATIONS

- ❖ Industrial / Commercial load
- ❖ Hospitals
- ❖ Printing Press
- ❖ Submersible Pumps
- ❖ Any sophisticated electric/electronic equipment

## SERIES 08

Servo Voltage Stabilizer, Single Phase, Low High Voltage Cut Off, Overload & Short Circuit Protection, By Pass Facility, Copper 100%, 08SSO15-90

CAPACITY IN KVA  
15

INPUT VOLTAGE RANGE IN VOLT  
120 - 280

MAXIMUM EFFICIENCY %  
>/= 99%

OUTPUT VOLTAGE  
240 ±1%



### Key Features & Benefits

-  Eliminates voltage fluctuations.
-  Provides correct voltage to the accuracy of ±1% .
-  Voltage control is step-less.
-  Reduces failure rate of electrical devices
-  Functions as Energy saving device.

### APPLICATIONS

- ❖ Industrial / Commercial load
- ❖ Hospitals
- ❖ Printing Press
- ❖ Submersible Pumps
- ❖ Any sophisticated electric/electronic equipment