

Servo Stabilizer Digital Series - PSSD Single Phase



Function:

Servo Stabilizers series PSSD are Digitally controlled single phase precision voltage stabilizers for protection against voltage fluctuations.

Application:

Servo stabilizers enhances the life and operating efficiency of sensitive electronic equipments by providing precise voltage.

These are being used extensively with Medical and Analytical Equipments, CNC Machine Tools, Office Automation, Printers, Printing Machines, Photo Copiers, EPABX, Fax, Health Care units, Ultra Sound Scanners, Treadmill, Patient monitoring Systems, Refractometer Blood Analyzer, Photo Processing units, Studios, Sound and Pictures dubbing and



Specifications:

KVA Capacity	: 2, 3, 4, 5, 6, 10
Input range	: 170/140 V- 270 V. AC (other ranges on request)
Out put Volt.	: 230 V.
Accuracy	: +/- 1%
Auto Buck/ Boost	
Transformer	: Heavy Duty Transformer
Servo Motor	: High Torque, Quick response.
Digital Controller	
Display	: Digital with Class 1 accuracy • Input Voltage • Output Voltage • Output Current (auto scroling)
Protections Programmable digitally :	
	• Under Volt, Auto re-set • Over Volt, Auto re-set • Over load, Auto/Manual re-set • Short circuit- manual re-set • Password protection
Timers Digitally programmable :	
	• On Delay • Trip Delay
Indications :	• Mains on • Under Volt • Over Volt • Over load
Operation	: Auto/ Manual
Alarm	• Under Volt, • Over Volt, • Over Load, • Short Circuit
Cooling	: Natural Air cooled
Housing	: Sheet steel fabrication with powder coated finish.

ADVANTAGES

**DIGITALLY CONTROLLED
With built in Protection for**

- Under Volt • Over Volt
- Over Load • Short Circuit

Unique features:

- On delay timer-programmable
- Trip delay timer-programmable

Model No.	Capacity	Load A	Input Range		Output
PSSD 027	2 KVA	4	170	270	230 V AC +/-1%
PSSD 024			140	270	
PSSD 037	3 KVA	13	170	270	
PSSD 034			140	270	
PSSD 047	4 KVA	17	170	270	
PSSD 044			140	270	
PSSD 057	5 KVA	21	170	270	
PSSD 054			140	270	
PSSD 067	6 KVA	26	170	270	
PSSD 064			140	270	
PSSD 107	10 KVA	43	170	270	
PSSD 104			140	270	

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Servo Stabilizer Digital

Series - PSTD Three Phase



Function:

Servo Stabilizers series PSTD are three phase precision voltage stabilizers for protection against voltage fluctuations.

Application:

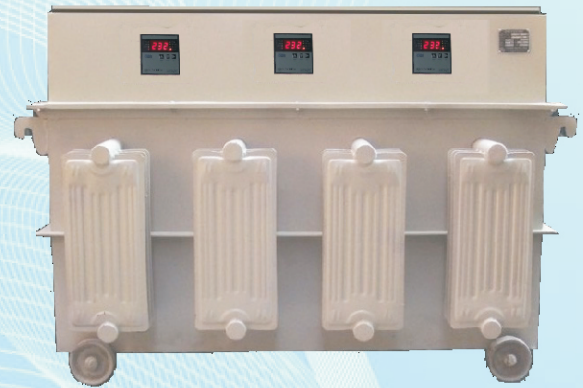
Servo stabilizers enhances the life and operating efficiency of sensitive Electrical/ Electronic equipments by providing precise voltage.

These are being used extensively with

- Medical and Analytical Institutes,
- Health care units, • Hospitals
- Banks & Financial Institutes, • Processing Units
- CNC machine tools, • IT parks,
- Textile knitting machines • Small and Medium Industries,
- Shopping Malls, Cinema Halls & Theaters,
- Office complexes, • Quality Control and R & D centers.

Specifications:

KVA Capacity	: 6,10,12,15,20,30,50,74,100, 150, 200, 300, 500 etc.
Input range	: 340-460 V, 225-456 V AC
Out put Volt.	: 398/415 V AC
Accuracy	: +/- 1%
Auto Transformer	: Copper Heavy Duty
Buck/ Boost Transformer	: Copper Heavy Duty
Servo Motor	: High Torque, quick response.
Digital Controller	
Display	: Digital with Class 1 accuracy
	• Input Voltage • Output Voltage
	• Output Current (auto scrolling)
Protections Programmable digitally :	
	• Under Volt - auto re-set
	• Over Volt - auto re-set
	• Over load - manual re-set
	• Short circuit - manual re-set
	• Password protection
Timers Digitally programmable :	
	• On Delay • Trip Delay
Indications :	
	• Mains on • Under Volt
	• Over Volt • Over load
Operation	
	: Auto/ Manual
Alarm	
	• Under Volt • Over Volt
	• Over Load • Short Circuit
Cooling	
	: Natural Air Cooled for
	6,10,12,15, 20, 30, 50, 60 KVA
	: Oil Cooled for
	100, 150, 200,300, 500 KVA and above
Housing	
	: Heavy duty Sheet Steel enclosure Finished with
	Powder Coated paint.
Mounting	
	: Indoor Floor mounting.



ADVANTAGES

DIGITALLY CONTROLLED
With built in Protection for

- Under Volt • Over Volt
- Over Load • Short Circuit

Unique features:

- On delay timer-programmable
 - Trip delay timer-programmable
- Heavy duty transformers**

