

# Servo Controlled Stabilizer (Series BSS)



## Application:

BPS Servo controlled voltage stabilizers series BSSD are for single phase supply system. 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, Thread mill, Patient monitoring Systems, Refractometer Blood Analyzer, Photo Processing units, Studios, Sound and Pictures dubbing and reproducing equipments, Textile knitting machines, Quality Control and R & D centers.

## Function:

Servo Stabilizers has Buck/Boost transformer, motorized variable transformer, digital controllers, contractors and allied items. Digital Controller senses input and output volt and signals the variak motor as per required position so that output of Buck/ Boost transformer is as per set value. It also senses output current and in case of over loading, the output contract is tripped off. Digital controllers are micro controller based instrument designed in hours development team. Many features can be programmed as per site condition.



## Technical Specifications:

Input	: 130-150-170 to 270 V AC
Output Volt	: 230 V +/-1%
Output Capacity	: 2,5,8,10 KVA
Buck/ Boost transformer	: Copper wound
Servo Motor	: High Torque- 3, 10, 20 KG
Digital display	: Input Volt, : Output Volt, : Output current,
Protections:	: Under Volt, Over Volt, Over Load, Short Circuit,
Digitally programmable	: On delay timer, Trip delay timer
Indications	: Mains On, Under Volt, Over Volt, Over load,
Alarm	: Under Volt, Over Volt, Over Load
Cooling	: Natural Air Cooled.
Housing	: Sheet steel fabrication suitable for table top mounting finished with Powder Coat paint.
Terminations	: Mains by 3 pin Mains cord and : Output by 3 pin socket.

MODEL NO	CAPACITY		INPUT RANGE	
	KVA	Load A		
BSS 027	2	8.7	170	270
BSS 023			130	270
BSS 057	5	21.7	170	270
BSS 053			130	270
BSS 087	8	32.6	170	270
BSS 083			130	270
BSS 087	10	43.4	170	270
BSS 083			130	270



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