

SERVO STABILIZER



CORE FEATURES



Voltage Adjustments with High Efficiency

Under stern instances of imbalanced voltage or current, it produces a fully stable output.



Surge Protector

Equipped with a surge suppressing device to protect electronic equipment against voltage spikes occurring inside the alternating current (AC) utility lines.



Cost-Effective Power

Comes with a rating that ranges between 10KVA to 1000KVA that promises stable power supply at minimal costs.



Adjustable Output Voltage

Engineered with an option to adjust fluctuating voltage outputs, the device helps in reducing the failure rate of electrical equipment.



Improved Operational Life

The device has a long lifespan even when used at full loads in comparison to conventional make servo voltage stabilizers.



AIR COOLED SERVO STABILIZER

Servotech's Air-cooled Servo Stabilizer is a device with three-phase air cooling available with capacities ranging up to 250kVA. This environment-friendly, cost-effective device offers an efficiency of >95%.



OIL COOLED SERVO STABILIZER

Servotech's Oil-cooled Servo Stabilizers change the level of voltage in a clockwise or anticlockwise manner using a strong AC synchronous motor for precise voltage management. These three-phase stabilizers have a long-lasting motor-controlled stabilization technology that ensures safe voltage delivery.

TECHNICAL PARAMETERS	SINGLE PHASE	THREE PHASE	CUSTOMIZED
Rating : 2 kva to 2000 kva	2 KVA to 60 KVA	10 KVA to 2000 KVA	
Input Voltage Range	195 V – 280 V AC	340 V – 480 V AC	As per client requirement
	170 V – 280 V AC	300 V – 480 V AC	
	155 V – 280 V AC	270 V – 480 V AC	
	140 V – 280 V AC	240 V – 480 V AC	
	110 V – 280 V AC	190 V – 480 V AC	
	100 V – 280 V AC	175 V – 480 V AC	
Output Voltage	230 V	400V	Yes
Output Adjustable	220 – 240 V AC)	380 – 415 V AC	Yes
Output Regulations	± 2%	± 2%	Yes
Type	Unbalanced Type		Yes
Insulation	Class B		Yes
Vector Group	Star / Star , 3 Phase + Neutral		Yes
Frequency Hz	47 Hz -53 Hz		Yes
Nature of Cooling	Air Cooled Servo Stabilizer		Yes
	Oil Cooled Servo Stabilizer		Yes
Construction	Variable Auto Transformer + Buck Boost Transformer + Servo Motor		Yes
Effect of Power Factor	Nil		Yes
Wave Form Distortion	Nil		Yes
Control Circuit	Micro Controller Based Digital Circuit and Control		Yes
Response Time	10 ms or As per IS 9815 Standards		Yes
Voltage Correction Rate for Air Cooled Servo Stabilizer	15 -20 Volts / Sec		Yes
Voltage Correction Rate for Oil Cooled Servo Stabilizer	8 -12 Volts / Sec		Yes
Metering	Seven Segment Display		Yes
General Efficiency of our Servo Stabilizer	Better than 95 % or As per IS 9815 Standards		Yes
Ambient Temperature	0 – 55 Degree C		Yes
Protection	Under / Over Voltage Cut off Protection		Yes
	Single Phase Prevention		Yes
Optional Protection	Overload / Short Circuit Protection		Optional
	Manual Bypass – Changeover		External In Higher Capacity
	Input MCB/MCCB		Optional
Installation Type	Indoor		Yes
	Outdoor		Optional

*Due to continuous improvement technical specifications & product image can change without prior notice.