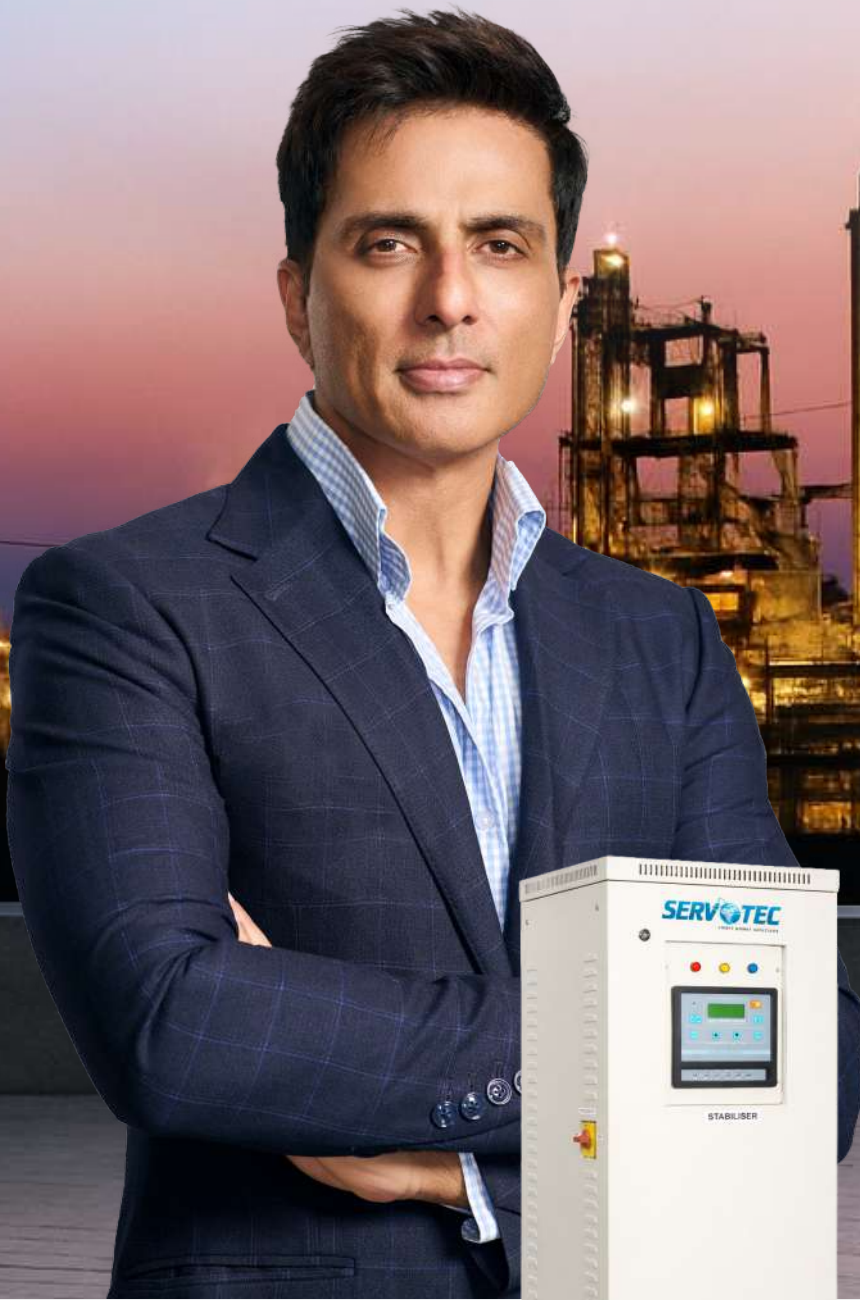




# Air & Oil Cooled Servo Stabilizer



# About

Servotech Renewable is dedicated to creating value through transformative change, with a commitment to advancing a future through sustainable development and relentless innovation. Our eco-friendly products are designed to lead the way in energy and electric mobility. With an extensive presence spanning over two decades we have curated high value solutions.

Our product portfolio features comprehensive Servo Stabilizers, solar solutions, batteries, and much more. The Servo Stabilizers are a notable addition to our robust lineup of efficient power and energy products, reflecting our forward-thinking approach. Recognizing the importance of integrating cutting-edge technology, we have developed these advanced Servo Stabilizers. Servotech continues to push the boundaries of energy technology, ensuring we deliver superior performance and innovation to our customers.

## Power Simplified with Servo Stabilizer

Servotech's Servo Stabilizers, with its new and improved advanced technology, redefines the concept of power. Crafted with precision, built for reliability, our Servo Stabilizers are a reflection of Servotech's long-lasting legacy of durable and trusted products.

### Here is why you should choose us :

- **Industry Leader:** As a pioneering power solutions brand, Servotech has become a leader in the energy sector, with products trusted by customers globally.
- **Precision Engineering:** Our Servo Stabilizers bring you the next level of innovation to keep you powered without any fluctuations. Expertly crafted for efficient voltage management, ensuring maximum power output.
- **High Efficiency:** Designed with a focus on optimal performance, Servotech Servo Stabilizers provide high energy conversion rates while lowering voltage fluctuations and keeping your appliances and machinery safe and sound.
- **User-Friendly Design:** Featuring easy-to-use interfaces and simple installation, our Servo Stabilizers offer a seamless experience, keeping voltage fluctuations under control in both commercial and residential settings.

# Air & Oil Cooled Servo Stabilizer

**AIR COOLED SERVO STABILIZER**



**OIL COOLED 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.

# Air & Oil Cooled Servo Stabilizer

## Technical Specifications

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 A / 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		Optional
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.

# विकास की ओर नई उड़ान..

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**Reg. Add. & Kundli Plant:** Khata No. 1970, Khewat No. 1672, Khasra No. 21/20/2/2, Revenue Estate, Kundli, P.S.Rai, Sonipat, Haryana - 131029

**Safiabad Plant:** Killa No. 14/6/1/2 (0-3), 6/2/3 (5-13) Village-Safiabad, Pana Paposhian, Rai, Sonipat, Haryana - 131029

**Warehouse:** Khasra No. 8/5, 6, 14/2, 15/1, 16/2 Min & 17, Jakhauli Road, Jhundpur, Sonipat, Haryana - 131021

