

SERVO CONTROLLED VOLTAGE STABILIZER

**INDUS
SERVO CONTROLLED
VOLTAGE STABILIZER**
AVAILABLE IN RANGE OF
10 - 1000 KVA

APPLICATIONS

- All C.N.O Machines
- Medical Equipments
- Computer & IT Sector
- Telecom Equipments
- Domestic Lightning
- Commercial Complex
- Hospitals & Labs
- Printing Industries
- Textile Industries

FEATURES

- Advanced micro controller circuit ensures constant output.
- Highly reliable, rugged construction & compact design.
- High speed of voltage correction with zero hunting.
- 100% unbalanced load suitability.
- User friendly digital screen with status LED's.
- Efficiency above 98% & energy saving.
- Excellent regulation as high as $\pm 0.5\%$.
- Auto / Manual Restart Programmable
- Wide Input voltage range.
- Easy & low Maintenance cost
- Improves life of equipments



SERVO STABILIZER

Technical Specification

Model	AIR COOLED	OIL COOLED
Rating	5KVA - 200KVA	50KVA -1000KVA
Product	Servo Controlled Voltage Stabilizer	
Type of stabilizer	Unbalanced model for indoor type	
Make	INDUS	
Duty Cycle	Continuous	
Stabilizer type	Variac and buck boost transformer type	
Input Voltage range at 400V 400V output voltage	Range 1 295 - 470VAC Volts	
	Range 2 310 - 480VAC Volts	
	Range 3 340 - 480VAC Volts	
	Range 4 380 - 480VAC Volts	
Input Frequency Range	47-53Hz	
Types of stabilizer	Suitable for unbalanced loads & input voltage	
Output voltage regulation	±1% Normal Output voltage	
Servo motor Drive	A.C. Synchronous stepper motor	
Average Speed of correction	70V / Sec (L - L)	
Efficiency	Better than 98%	
Metering	LCD OR VAF Digital meter (I/P & O/P voltage, Amp & frequency)	
Electronic Under/over voltage cut off		
Over voltage	20V ± 4 V above nominal	
Under voltage	40V ± 4 V below nominal	
Electronic overload cut off	Operative above 110% of the rated output current with graded time delay	
Single phasing prevention	Provided	
Short-circuit protection	Provided	
Phase reversal protection	Provided	
Stabilizer By-pass Switch	Optional above 45KVA	
Fault annunciation panel		
Operate	Input present / Output normal (for each phase)	
Caution	Out high / Output low / output overload	
Latching LED Indications		
Cut off	Input high /Output low (for each phase)	
Resetting mode	Automatic restart with option for manual restart	
Output ON time Delay	15 Second standard (Internal settable 3 minutes)	
Response time	Less than 10 ms	
System Contraction	As per IS : 9815 part II / IS 2026	

* Note : Specifications are subject to change without prior notice due to improvement in design & technology.

Manufactured By

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