

SERVO STABILIZER (3 PHASE AIR COOLED)



SERVO STABILIZER (1 PHASE AIR COOLED)



STATIC STABILIZER (1 PHASE AIR COOLED)



SERVO STABILIZER (3 PHASE OIL COOLED)



**A COMPLETE SOLUTION
TO MEET YOUR
POWER PROTECTION NEEDS**

TECHNICAL SPECIFICATIONS

PARTICULARS	SINGLE PHASE	THREE PHASE
Input Voltage Range (Normal)	170 to 220 V	330 to 450V
Input Voltage Range (Extend)	140 to 280V	295 to 465V
Output Voltage Range (Normal)	230 Volts	400 Volts
Stability (Adjustable Internally)	220 to 240 Volts	380 to 415 Volts
Regulation (Adjustable Internally)	+ 5% to 1%	+ 5% to 1%
Rate of Voltage correction	35 Volts/Sec	35 Volts/Sec/Ph up to 15 K.V.A 25 V/Sec/Ph up to 15 K.V.A
Input frequency Range	47 to 53 Hz	47 to 53 Hz
Efficiency	98% of full load	98% of full load
Output wave form	Sinusoidal	Sinusoidal
Wave form distortion	nil	nil
Reset mode	Auto reset with/without manual override	Auto reset with/without manual override
ELECTRONIC UNDER/OVER VOLTAGE PROTECTION		
Upper Limit	10V + 2 V Above Nominal	10V + 2 V Above Nominal
Lower Limit	10V + 2 V Below Nominal	10V + 2 V Below Nominal
Servo Motor Drive	Burnt Proof A/C Synchronous Motor With Fuse Protection.	Burnt Proof A/C Synchronous Motor With Fuse Protection.
Indications	Input Present Output Normal Low/High Voltage and overload	Input Present Output Normal Input/low/high overload
Protection	Low/High Voltage and overload	Low/High Voltage and overload
Metering	Analog meter optionally digital to monitor input & output	Analog meter to monitor line & phase Voltages

SILICON SERVO VOLTAGE STABILIZERS are an effective solution to the problem of voltage fluctuations that occur. These fulfill the need of an interface between an unregulated power supply and sophisticated equipment requiring highly regulated AC input voltage.

The stabilizers will safeguard, costly equipments from voltage variations and provide guaranteed performance by improving the reliability. These are designed to give a stabilized output within + 1% of the preset voltage adjustable between 220V and 240V. These Servo Voltage Stabilizers contains a motorized auto-transformer which boosts or bucks input supply to give a stabilized output.

A solid state of Art Technology is used for designing the control circuit. The output waveform is completely distortion free and the regulation independent of the load and the power factor.

Salient Features

Fast rate of correction greater than 35V/Sec.

More than 95% efficiency

Rigid quality control and testing standards.

Visual warning against extreme input voltage.

Short Circuit/overload protection.

Low cutoff and High cutoff provided.

2-3 minutes of time delay-provided.

Other Products Offered

- Line Interactive UPS : 150VA TO 5KVA
- Buck/Boost Stabilizers : 0.25KVA to 5KVA
- Constant Voltage Transformers : 100VA TO 5KVA
- Home UPS/ Inverter : 350VA TO 10KVA
- Online UPS : 1KVA TO 100KVA

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