



GES Energy Solutions LLP

Established in the year 1985, we are the foremost manufacturer, engaged in offering a superb quality assortment of Voltage Stabilizer, Isolation Transformer, Phase converter and many more. With more than 20,000 installations across 20 states our brand demonstrates high quality, customer satisfaction and competitive pricing. To cater the growing energy needs in India, we have evolved ourselves as an energy solution provider taking utmost care in keeping our customers energy efficient.

OIL COOLED STABILIZER:

GES offers a wide range of reliable **Oil Cooled** servo voltage stabilizers which suit all type of application. Three Phase Oil Cooled Stabilizers are used to prevent ingress of dust and foreign particles. The transformer oil is used for cooling of transformers inside the stabilizers Capacity ranging from 3 kva up to 1000 kva and comes with a 5-year warranty.



APPLICATIONS:

1. Textile machines - Spinning, Weaving, Knitting, Embroidery, Garments manufacturing
2. Printing machines
3. CNC machine tools, Injection molding machines
4. Medical Equipment
5. Textile machines - Spinning, Weaving, Knitting, Embroidery, Garments manufacturing
6. Escalators & Elevators



- ✓ Under / over voltage trip –
The trip points can be set as per machine requirements
- ✓ Electronic Overload trip
- ✓ Short circuit protection
- ✓ Phase reversal protection
- ✓ Manual service bypass for emergencies
- ✓ Phase rotation/single phasing preventer.
- ✓ Input protection using MCB / MCCB.



SPECIFICATIONS:

Type of Servo Control	Micro Controller based True RMS sensing and correction
Parameter	Three Phase
Capacity	3 KVA to 1000 KVA
Operating Frequency	47 - 53Hz
Input Voltage Range	Range I :340 - 480V
	Range II :320 - 480V
	Range III :310 -480V
Output Voltage	400 V + 1% (Adjustable)
Output Volts Regulation	+ 1%
Type of Cooling	Oil Cooled
Working Temperature	0 to 50° C
Under/ Over Voltage cutoff	Electronic cutoff circuit with graded time delay, set @ +5% - 10% of nominal output voltage
Single phasing prevention	YES
Short circuit protection	MCB / MCCB provided up to 100 kva. Above 100 kva HRC fuse (MCCB optional)
Output Wave	Form True Reproduction of Input
Wave Form Distortion	Nil
Efficiency	98% at Nominal Load
Correction Rate	25/35/60 V per second
Relative Humidity	60%
Optional	EMI/RFI Filter Surge Arrester

