

## SERVO CONTROLLED VOLTAGE STABILIZER OIL COOLED (THREE PHASE)



Capacity Range upto 150KVA, 3 Ph

**Maruthi Electronic Industries**



### TECHNICAL SPECIFICATIONS

❖ Input Voltage Range	:	300-480V Ac 3Ph 50Hz/60Hz Ph – Ph
❖ Other Voltage Range	:	340-480V Ac / 360-460V Ac
❖ Output Voltage	:	415 V AC 3 PHASE
❖ System	:	UN-BALANCED 4 WIRE RYBN
❖ Connections	:	STAR
❖ Operating Frequency	:	47 - 53 Hz
❖ O/P Voltage Adjustments	:	380 to 415 V AC in 3 Phase
❖ Output Voltage Regulation	:	+ / - 1% (No Load)
❖ Output Voltage Regulation	:	+ / - 1% (Full Load)
❖ Overload Capacity	:	120% for 30 Min.
❖ Speed Of Correction	:	<b>15 V / SEC</b>
❖ Short Circuit Period & % age	:	300% for 250 m.sec
❖ Operating Temperature	:	0 to 45 Degrees C
❖ Response Time	:	Less than 10 Milli Seconds
❖ Wave Form Distortion	:	NIL
❖ Efficiency	:	Above 98.5%
❖ System Construction	:	AS PER IS: 9815/94
❖ Type of cooling	:	OIL - COOLED
❖ Mode of System	:	Fully Automatic / Manual

### Applications

- CNC / Laser / Robotic / Welding machines
- Medical equipments
- Processing Plants
- Textile / Moulding / Extruding machinery
- Escalators & elevators
- Large deep freezers
- IT & Telecommunication equipments
- Scientific & Lab equipments
- Printing / Publishing / Packing machines
- Hospitals / Hospitality Industries
- Air conditioning plants
- Any other microprocessor based machines