

SPECIFICATIONS FOR SINGLE – PHASE SERVO STABILIZER

❖ Capacity	:	60 KVA
❖ Input Voltage Range	:	160 – 270(275V – 465V)
❖ Out put Voltage	:	220V (415 V)
❖ Output voltage (settable limits)	:	220V – 240V
❖ Out put Regulation	:	+/- 1%
❖ Input Frequency	:	47 Hz – 53 Hz
❖ Correction Rate	:	70 V / Sec
❖ Insulation	:	Class “F”
❖ Efficiency	:	98%
❖ Effect of the load power factor	:	Nil
❖ Ambient Temperature	:	0 – 55 Dg/C

Controls:

- ❖ An auto / Manual switch shall be provided so that whenever the auto operation fails, the stabilizer can be put on manual operation using this switch.
- ❖ Voltage Increase / Decrease switch shall be provided.
- ❖ High Voltage / Low Voltage cut off for each phase shall be provided with individual phase contactor. The high /low voltage cut off levels shall be field settable.
- ❖ A bypass switch of adequate capacity shall be provided. This switch will enable to maintain the power supply to the facility whenever the stabilizer is under repair / maintenance. Make: L&T, Kaycee switches shall be used.

