



evolution
electronics pvt. ltd.

Manufactured in India with Quality & Pride



Three Phase Servo Stabiliser

SPECIFICATIONS FOR THREE PHASE SERVO STABILISER

Rating	3 KVA – 2000 KVA
Input Voltage Range	300V – 460 V, 360V – 480V or 380V – 480 V line-to-line (other voltage ranges available on request)
Output Voltage	380V/400V/415V \pm 1%, line-to-line or as per customer specifications.
Load	Balanced or Unbalanced
Rate of correction	16 -100V/sec.
Cooling	Air-cooled or Oil-cooled.
Waveform distortion	Nil
Effect of load power factor	Nil
Response time	<10 m sec.
Line Frequency	47 – 56 Hz.
Efficiency	>98%
Mode of operation	Auto/Manual
Operating temperature	- 15° c to 50° c
Protections	Automatic High/Low voltage cut-off. Short circuit and overload protection. Single Phasing Preventor.

BENEFITS

- » Plug in type fiberglass PCB, ensures minimum downtime and easy serviceability.
- » Increases life of your connected equipment, reduces heat and minimizes losses.
- » Improves power factor
- » Saves energy up to 10% (up to 30% for lighting load)
- » Constant output voltage, irrespective of load variation.
- » Balanced output voltage even when input is unbalanced.

OPTIONAL FEATURES

- » Ultra Isolation transformer at output
- » Additional Metering – VAF
- » Surge suppression network
- » Bypass mechanism
- » Soft start
- » Time delay
- » Audio alarm at abnormal input voltages

