



SERVO CONTROLLED VOLTAGE STABILIZER

AIR COOLED

Makvolt made Servo Stabilizer uses A.C. synchronous stepper motor along with proportional type of control circuit that ensures the voltage fluctuations are corrected quickly without any oscillations at the output in order to protect the end equipment intended to safeguard.

Air Cooled :

1KVA - 30KVA (Single Phase)

3KVA - 150KVA(Three Phase)

Oil Cooled:

25KVA - 1000KVA(Three Phase)

TECHNICAL SPECIFICATIONS

Input voltage	: 170- 270 V AC Single Phase 360-470 V / 500 V AC Three Phase 340-470 V / 500 V AC Three Phase Also available as per requirement
Operating Frequency	: 47 – 53 Hz.
Output Voltage	: 220V/230V/ 240 V AC - Single Phase 380V/ 400V/415V AC -Three Phase
Output Voltage Regulation	: $\pm 1\%$
Ambient Temperature	: 0°C to 45°C
Protections	: Under voltage & Over voltage Overload Protection Short Circuit Protection Single Phasing Preventer

Uninterrupted Life

STABILIZER 3 PHASE OIL COOLED

ADVANCED MICRO CONTROLLER TECHNOLOGY USING PROGRAMMED CIRCUITS

- Trips for abnormal fault conditions & easy faults readout on display
- Single PCB controls output voltages using software
- Overload Sensing & Single Phase Preventer
- Under Voltage, Over Voltage Trip Level & Overload Trip detection
- Digital Display to read Input and Output voltages, load currents for Phase to Phase & Phase to Neutral

FEATURES

- High efficiency above 98% & energy saving
- Unbalanced load suitability at 100%
- Advanced micro controller circuit ensures constant output
- Products are designed to run 24/7x 365 days
- Quickest response time 10 ms (Half a cycle)
- High correction speed of voltage with zero hunting
- Zero waveform distortion & Unaffected by load

APPLICATIONS

- Offset Printing Machinery
- CNC Machinery, Laser Engravers
- Textile Machinery
- Hospital Facilities

