

MODEL: S-SERIES

COMPUTER MONITORED
SERVO VOLTAGE STABILIZER
OIL COOLED / AIR COOLED



1 - 1000 KVA

SINGLE / THREE PHASE
INTERNET INTERFACE RS 232 / SNMP VIEW SOFTWARE

Your Best Reliable Partner For Progress



MODEL: S-SERIES

OUTSTANDING FEATURES OF POWERLINE SERVO STABILIZERS

- Fast Correction rate and very high efficiency.
- Works over wide input frequency range and no waveform distortion.
- Specially designed high performance I.C. based control circuit for ultra high reliability.
- Auto / Manual operation facility.
- Over voltage and under voltage Indicators.
- Output voltage adjustability provided on panel.
- Unaffected by Load Power Factor
- Plug - in type glass - epoxy control cards designed for easy on line serviceability.
- All components used are of reputed makes, conforming to relevant IS (IS : 9815 - 94)
- Easy accessibility from all four sides.
- Stabilizers are subjected to routine and type tests in accordance with latest IS standards (IS : 9815 - 94)

ADVANTAGE OF POWERLINE SERVO STABILIZERS

- Corrects voltage automatically and continuously.
- Induction motors operate at high efficiency when supplied with constant Voltage.
- Protects costly equipments from menace of High / Low Voltage, thus cutting down the maintenance cost.
- Low Production losses & better efficiency in plant.
- Increased Productivity.
- 100% depreciation as per Income Tax act.
- Reduces MDI and saves Power.
- Reduction in electricity bills up to the level of approximately 15% (This also depends on the input variation loading and the number of working hours.)
- Saves on diesel cost, as generator is not required to run at High / Low input voltage.
- The average pay back period of Servo Controlled Voltage Stabilizer owing to its high energy saving capability is approx. 18 months.

FIELD OF APPLICATION

- IT & Call Centers. • R&D, Medical Equipments. • Printing & Publishing Companies.
- Lifts, Escalators & Elevators. • Air - Conditioning Plants, Processing Plants.
- CNC, Laser, Moulding Machines. • Commercial Buildings & Complexes.
- Group Housing Societies.

TECHNICAL SPECIFICATIONS

Capacity	1 KVA to 330 KVA (Single Phase) 3 KVA to 1000 KVA (Three Phase)
Input Range	90 - 280 V / 110 V - 280 V / 170 V - 280 V (Single Phase) 260 V - 470 V / 300 V - 470 V (Three Phase) <i>(Other input ranges available on request)</i>
Output	220 V / 230 V / 240 V Single Phase (adjustable)
Voltage	380 V / 400 V / 415 V Three Phase (adjustable)
Regulation	± 1% or better.
Supply Frequency	47 Hz - 53 Hz.
Efficiency	Better than 97%
Effect of Load Power Factor	Nil
Wave from Distortion	Nil
Rate of Correction	Better than 36 V / sec. In air cooled models Better than 20 V / sec. In oil cooled models
Duty Cycle	100% continuous
Response Time	Less than 100 ms.
Cooling	Air / Oil as per requirement
Over Load Capability	Upto 200% momentarily
No Load Losses	Less than 0.8% over entire range
Suitability	Suitable for 3 Ph unbalanced / balanced supply & unbalanced / balanced load.
Mounting	On Wheels
Earthing	Earthing Terminals Provided
Protections (Optional)	Short Circuit / Hi / low cut off output, overload
Metering	Input / Output Voltage, overload
Optional	RS 232 / SNMP Interface / Remote Monitoring / Control