

PowerCom

My Grid

AUTOMATIC INDUSTRIAL VOLTAGE STABILIZER

APPLICATIONS

Industries
Cement Factory
Textile Machineries
Readymate Garments
Spinning mills
Weaving Machines
Knitting Machines
Dyeing & Finishing
Sophisticated Power Protection For Industries
Embroidery
Label Machines
Pharmaceutical Instruments
Hospitals & Medical Equipments
Laboratory Equipments
Scientific Equipments
Computer Systems
Color Lab Equipments
Tele Communication Equipments
Elevators & Escalators
Defence Equipments
Central Air Conditioning Plant
Injection Moulding Machines



PowerCom
YOUR POWER CONSULTANT

PowerCom INDUSTRIAL VOLTAGE STABILIZER (IVS) Is designed with solid state electronic controls and protecting circuits. The regulation is performed automatically causing a step less continuous operation with high regulation and fast response time.

IVS is the suitable protective device for all industrial equipments. It not only provides with stable and reliable power but also offers substantial benefits in performance, reliability and maintenance cost.

FEATURES & CHARACTERISTICS

- Fully Automatic Electronic Circuitry
- Servo Motor Controlled
- Wide Range Regulator
- Overload / Short Circuit Protection
- High And Low Voltage Protection With Audioable Alarm
- Auto / Manual Regulation Option (60KVA And Above)
- Three Phase Balance Facilities System (Individual Phase Control)
- Benford Type Amorphous Core For Air Forced Cooling System
- Phase Sequence Protection (60KVA And Above) With Audioable Alarm

- Built-In (Adjustable) Delay Timer
- Auto Trip And Reset System
- Voltage Indicator Meter
- Current Indicator Meter
- Fast Response Time Of Regulator
- Internal Manual By-Pass System (Optional)
- Phase Missing Protection
- Rust Proof Plastic Paint Steel Cabinet

TECHNICAL SPECIFICATION

PHASE	SINGLE PHASE	THREE PHASE
Capacity	3KVA ~ 50KVA	3KVA ~ 5000KVA
Input Voltage Range	90~260V, 120 ~ 260V or 150 ~ 270V	155~460V, 300 ~ 460V or 260 ~ 480V
Output Voltage	220V / 230V (Continuous)	380V / 400V /415V / 440V
Frequency	50Hz	50Hz
Control System	Servo Type/Electronic Switching	Servo Type, Phase to Phase Control.
Protection	Over voltage, Under voltage, Over load Short circuit, Surge, Sag, Spike, Transient and Phase Missing Protection	Over voltage, Under voltage, Over load Short circuit, Surge, Sag, Spike, Transient Phase Sequence Protection and Phase Missing Protection
Correction Accuracy	±2% / ±5% / ±7%	±1% / ±3%
Correction Speed	30V / Sec	30V / Sec
Cooling System	Natural Air / Air Forecd / Oil Immersed	
Waveform Distortion	Negligible	
Transient Suppression	Upto 800V Peak	
Load Power Factor Effect	Nil	
Environment Condition	4°C ~ 45°C	
Duty Cycle	100% Continuous	
Humidity	Maximum 98%	
Over load Capacity	100% for 15 Sec	
Temperature Co-efficient	0.025% / °C in the range of 0-70°C	

