



Automatic Industrial Voltage Stabilizer

With Monitoring Display



Air Forced Type



Oil Cool Type

Clean & Stable Power *for* Industrial Equipments

Application

- Elevators & Escalators
- Tele Communication Equipments
- Cement Factory
- Readymade Garments
- Textile Machineries
- Spinning Machineries
- Weaving Machineries
- Knitting Machineries
- Dyeing & Finishing Machineries
- Embroidery Machineries
- Label Machineries
- Pharmaceutical Equipments
- Hospitals & Medical Equipments
- Laboratory Equipments
- Scientific Equipments
- Computer Systems
- Color Laboratory Equipments
- Defence Equipments
- Central Air Conditioning Plant
- Injection Moulding Machines
- Ceramic Industries
- Other Industries

IVS

GreenPower INDUSTRIAL VOLTAGE STABILIZER is designed with servo control system & necessary 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.



THE SCIENCE OF CONTINUITY

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 Regulating Option (60KVA and above)
- ▶ Individual Phase Control as per customer requirement
- ▶ Benford Type, Amorphous core for Air Forced cooling system
- ▶ Phase Sequence Protection (60KVA and above) with Audioable Alarm
- ▶ Oil Cool System (60KVA - 2000KVA)
- ▶ Built-in (Adjustable) Delay Timer (Optional)
- ▶ Auto Trip And Reset System
- ▶ Voltage Indication Meter
- ▶ Current Indication Meter
- ▶ Fast Response Time
- ▶ Internal Manual By-Pass System (Optional)
- ▶ Phase Missing Protection
- ▶ Rust Proof Plastic Paint Steel Cabinet.

Technical Parameters

PHASE	SINGLE PHASE	THREE PHASE
Capacity	1KVA ~ 50KVA	3KVA ~ 2000KVA
Input Voltage Range	AC140V ~ 270V or 120V ~ 280V	300V ~ 460V/ 250V~460V/ 320V~460V
Output Voltage	AC 220V \pm 2%	380V / 400V / 415 V / 440V / 460V
Frequency	50Hz	50Hz
Control System	Servo Type/Electronic Switching	Combined or Individual Phase Control.
Protection	Over voltage, Under voltage, Over load, Short circuit, Surge, Spike, Transient, and Phase Missing Protection.	Over voltage, Under voltage, Over load, Short circuit, Surge, Spike, Transient, Protection, Phase Sequence Protection and Phase Missing Protection.
Monitoring System	LCD/LED Display	LCD/LED Display
Correction Accuracy	\pm 2% / \pm 5% / \pm 7%	\pm 1% / \pm 3%
Correction Speed	30V/Sec or 50V/Sec	30V/Sec
Cooling System	Natural Air / Air Forced / Oil immersed	
Waveform Distortion	Negligible	
Transient Suppression	Upto 800V Peak	
Load Power Factor Effect	Nil	
Environment Condition	4°C~60°C	
Duty Cycle	95% Continuous	
Humidity	Maximum 98%	
Over load Capacity	100% for 15 Sec	
Temperature Co-efficient	0.025% / °C in the range of 0-70°C	



Hakim Plaza, 209/B 1st Colony, Mazar Road, Mirpur, Dhaka-1216.

Tel: +88-02-9002305, 9007564 Fax: +88-02-9013474,

Mobile: +88-0173 016929, +88-018 9251754.

E-mail : GreenPowerEE@msn.com, GulzerRahman@msn.com, AbdulAwal@msn.com