



USER MANUAL

**ELECTRONIC
VOLTAGE
STABILIZER**

Congratulations on owning a product that is not just thoughtfully designed, but also the most advanced in its category, without a doubt. Every stabilizer is inspected and tested thoroughly before leaving our premises. We undertake to repair this unit FREE OF CHARGE for a period of 36 months from the date of purchase, if any defect in material or workmanship occurs. This undertaking does not extend to any equipment for which the voltage stabilizer is connected.

Model	Capacity	Application
VIG 400	12 Ampere	One Inverter AC Up to 1.5 TON

The most up-to-date design and manufacturing standards make this an ideal guard to your equipment from voltage fluctuations. This stabilizer is equipped with surge and spike protection for protecting your inverter AC. This unit can withstand up to 320V AC input. Please ensure that excess voltage beyond this level is not fed to the stabilizer, which can cause serious damage to the stabilizer and connected equipment, in which case this warranty will have no application. This stabilizer is designed to work up to 50°C ambient temperature.

Please follow these simple instructions carefully:

Connect your equipment to V-GUARD stabilizer and connect the stabilizer to mains. Do not cover the stabilizer with cloth or any other material and ensure that proper ventilation is provided for stabilizer. Make sure that there is no loose connection and proper earthing is done. This stabilizer is provided with digital display, normally showing input voltage. Please refer the below table for display indications.

Condition	Indication	Output Voltage
Input normal	Shows Input voltage	Available
Low / High voltage cut-off	Lo / Hi	Not Available
High temperature cut-off	Ht-	
*Internal fuse blown	Flt	
Delay	dLy	

*This stabilizer is provided with an internal fuse protection. If this internal fuse blows stabilizer will display "Flt" indication and shutdown the output. For this indication customer need to bring the product to V Guard service center/Authorized dealer for its re calibration.

This stabilizer is provided with an "Intelligent Time Delay System". Initially when the stabilizer being in OFF condition for more than three minutes, is switched ON, there won't be any time delay. If the power supply fails and comes back within three minutes, there will be a time delay depending upon the period of absence of power. If power failure lasts for more than three minutes, the stabilizer will be switched ON automatically at the arrival of the power. This affords proper balancing time for the compressor before restart.

If the line voltage below 140V or above 270V the stabilizer will not give output voltage and the display shows 'Lo' & 'Hi' respectively. In few places it is likely that voltage remains very low during peak hours of power consumption (between 6 p.m. and 9 p.m.). Hence stabilizer may be in cut-off condition, if the line voltage is below 140V. When the line voltage comes to the working range, the stabilizer will give output automatically.

Switch off stabilizer when AC is not in use.



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