



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. In case of any manufacturing defect, we undertake to replace the unit during the first 3 months from the date of purchase, provided the same is returned in good condition with scratch-free cabinet and the packaging materials by the customer. Further, we undertake to repair the unit for a balance period of 4 years 9 months of total 5 years warranty. This undertaking does not extend to any equipment connected to the voltage stabilizer.

Model : VG 150	Capacity : 6 Ampere	Application : One Deep Freezer / Refrigerator / Air Cooler / 0.5 TON AC Up to 6 Ampere
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The most up-to-date design and manufacturing standards make this an ideal guard for your equipment from voltage fluctuations. This stabilizer 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. It is designed to work up to 50°C ambient temperature. Surge/spike protection is not provided in this stabilizer.

Please follow these simple instructions carefully:

Connect the three pin top of your equipment to the socket provided on the rear side of the stabilizer. Plug the three-pin top of the stabilizer to the mains. (This stabilizer is provided with a good quality 16 A three pin-top and hence use only the same to avoid loose contact of power supply.)

Do not cover the stabilizer with cloth or any other material and ensure that proper ventilation is provided for stabilizer. Please be sure that there is no loose connection and the earthing is proper.

This stabilizer is provided with two LED indications namely MAINS and OUTPUT.

Condition	LED Indication		Output Voltage
	MAINS	OUTPUT	
Normal Input Voltage	ON	ON	Available
Low/High Voltage Cut-off/Time delay	ON	OFF	Not Available
**Overload Cut-off/No Mains Input	OFF	OFF	

Built-in time delay is provided to prevent immediate restart and chattering in case of power failure. This affords proper balancing time for the compressor before restart.

If the line voltage remains below 150V or above 280V, the stabilizer will not give the output voltage, the output LED remains OFF. In most of the places, it is likely that the voltage remains very low during peak hours of power consumption (between 6 pm. and 9 p.m.) and hence stabilizer may be in cut-off condition. When the line voltage comes to the working range, the stabilizer will give output automatically.

**This stabilizer is provided with thermal overload protection feature. When the internal temperature rise of the product exceeds the pre-set limit due to overloading or misbehaviour of connected equipment the protection acts, and stabilizer goes to OFF hence LED indications will be in OFF condition. Confirm the connected load draws not more than the rated current of this stabilizer and wait for 10-15 min to restart the stabilizer automatically.

Do not use universal adaptor, extension cord etc. for connecting the appliance with stabilizer.



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