

V-Guard Elegna 750

V-Guard Elegna 750 Stabilizer User Manual

Model: Elegna 750

1. INTRODUCTION

The V-Guard Elegna 750 Stabilizer is designed to provide reliable protection for your inverter refrigerator against voltage fluctuations. This manual provides essential information for the safe installation, operation, maintenance, and troubleshooting of your Elegna 750 stabilizer. Please read this manual thoroughly before using the product and retain it for future reference.

The Elegna 750 is compatible with refrigerators up to 750 liters and features a wide input voltage range (125 VAC - 290 VAC), thermal overload protection, and low & high voltage cut-off functions to ensure the longevity and efficient performance of your appliance.

2. SAFETY INSTRUCTIONS

- **Read all instructions:** Before operating the stabilizer, read all safety and operating instructions.
- **Proper grounding:** Ensure the stabilizer is connected to a properly grounded electrical outlet.
- **Indoor use only:** This stabilizer is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the stabilizer. Do not block ventilation openings.
- **Avoid overloading:** Do not connect appliances that exceed the stabilizer's maximum capacity.
- **Power cord:** Do not place heavy objects on the power cord or allow it to be pinched.
- **Disconnection:** Disconnect the stabilizer from the power supply before cleaning or servicing.
- **Repairs:** Do not attempt to repair the stabilizer yourself. Refer all servicing to qualified service personnel.
- **Children and pets:** Keep the stabilizer out of reach of children and pets.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Refrigerator Compatibility:** Supports refrigerators up to 750 liters.

- **Wide Input Voltage Range:** Efficiently handles voltage fluctuations from 125 VAC to 290 VAC.
- **Power Monitor with Colour Changing LED Lights:** Digital display provides real-time input and output performance.
- **Thermal Overload Protection:** Shields the stabilizer and connected appliance from overheating.
- **Low & High Voltage Cut-Off Protection:** Automatically disconnects power during extreme voltage conditions.
- **Intelligent Time Delay System:** Ensures a safe restart for the refrigerator compressor after power interruptions.
- **Sleek ABS Cabinet Design:** Modern and durable grey table-topped cabinet.

3.2 Components Included

- 1 x V-Guard Elegna 750 Stabilizer
- 1 x User Manual / Warranty Guide

3.3 Product Visuals

ELEGNA 750

REFRIGERATOR STABLIZER

A POWERFUL GAURDIAN FOR YOUR REFRIGERATOR

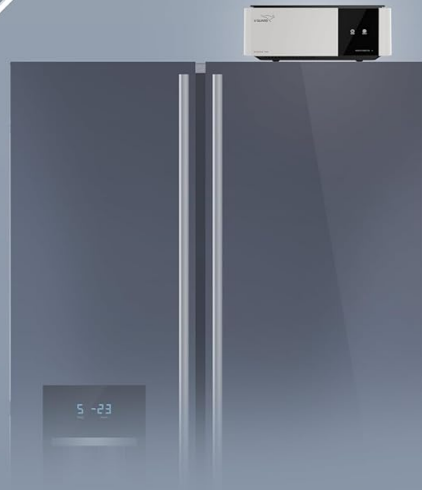
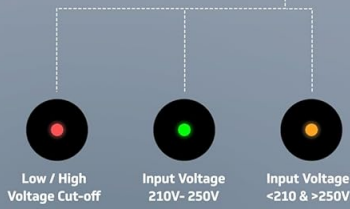



CAPACITY	WORKING RANGE	WARRANTY	APPLICATION
4 AMPERE	125V - 290V	3 YEAR	ONE INVERTER REFRIGERATOR UP TO 750 L

Figure 1: Front view of the Elegna 750 Stabilizer highlighting its capacity, working range, warranty, and application.

Convenient Power Monitor Display

For Monitoring the Input-Output Performance



Sleek ABS Cabinet Design

Grey Table-Topped Cabinet

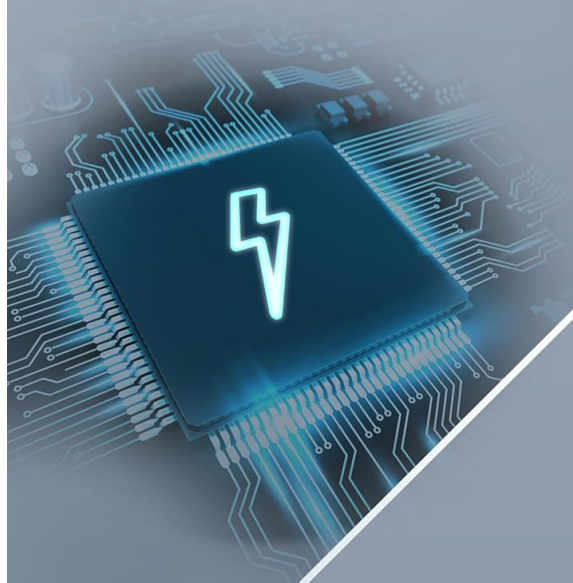
Figure 2: General view of the V-Guard Elegna 750 Stabilizer, showcasing its compact and modern design.



Figure 3: The Elegna 750 Stabilizer positioned on top of a refrigerator, demonstrating its intended use and sleek integration.

Accurate & Reliable Input Voltage Correction

Advanced IC Based Design Circuitry



Intelligent Time Delay System Technology

For Longer Life of Refrigerator Compressor

Figure 4: Illustration of the advanced IC-based design circuitry and Intelligent Time Delay System technology within the Elegna 750 Stabilizer.



Figure 5: Close-up of the convenient power monitor display, showing LED indicators for Low/High Voltage cut-off, Input Voltage 210V-250V, and Input Voltage <210V & >250V.

4. SETUP

1. **Unpack:** Carefully remove the stabilizer from its packaging. Inspect for any damage.
2. **Placement:** Place the stabilizer on a stable, flat surface near your refrigerator. Ensure there is adequate space for ventilation around the unit. Avoid placing it in direct sunlight or near heat sources.
3. **Connect Refrigerator:** Plug your refrigerator's power cord into the output socket of the V-Guard Elegna 750 Stabilizer.
4. **Connect to Mains:** Plug the stabilizer's power cord into a properly grounded wall outlet.
5. **Power On:** Switch on the main power supply to the stabilizer. The power monitor display will illuminate.
6. **Initial Delay:** The stabilizer incorporates an Intelligent Time Delay System. After powering on, there will be a brief delay before power is supplied to the refrigerator, protecting its compressor.

5. OPERATING INSTRUCTIONS

The V-Guard Elegna 750 Stabilizer operates automatically to protect your refrigerator. The front panel features a power monitor with color-changing LED lights to indicate the input and output performance.

5.1 Power Monitor LED Indicators

- **Red Light:** Indicates Low / High Voltage Cut-off. The stabilizer has disconnected power to the refrigerator due to extreme voltage conditions (below 125V or above 290V). Power will be restored automatically once voltage stabilizes within the safe operating range.
- **Green Light:** Indicates Input Voltage 210V-250V. This is the optimal operating range, and the stabilizer is providing stable power.
- **Orange/Yellow Light:** Indicates Input Voltage <210V & >250V. The stabilizer is actively regulating the voltage to bring it within the safe operating range for your refrigerator.

The Intelligent Time Delay System ensures that after any power interruption or voltage cut-off, the stabilizer waits for a safe duration before restoring power to the refrigerator, protecting its compressor from immediate restarts.

6. MAINTENANCE

- **Cleaning:** Disconnect the stabilizer from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure that the ventilation openings are free from dust and obstructions.
- **Cable Inspection:** Periodically check the power cord and connected cables for any signs of damage.
- **Storage:** If storing the stabilizer for an extended period, disconnect it from the power supply and store it in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stabilizer not turning on.	No power from the wall outlet; loose power cord connection.	Check the wall outlet with another appliance. Ensure the stabilizer's power cord is securely plugged in.
Refrigerator not receiving power (Red LED).	Input voltage is too low or too high, triggering cut-off protection.	This is normal operation. The stabilizer will automatically restore power once the voltage returns to a safe range. Wait for the LED to change.
Stabilizer is hot to the touch.	Overloading; insufficient ventilation.	Ensure the connected appliance does not exceed the stabilizer's capacity. Check for blocked ventilation openings and ensure adequate airflow. If overheating persists, disconnect and contact support.
Frequent power cut-offs.	Highly unstable input voltage in your area.	This indicates the stabilizer is working correctly to protect your appliance. If this is a persistent issue, consider consulting an electrician about your home's power supply.

If the problem persists after attempting these solutions, please contact V-Guard customer support. Do not attempt to open or repair the stabilizer yourself.

8. SPECIFICATIONS

Model Name	Elegna 750
Item Model Number	Trossia 450 DG
Brand	V-Guard
Application	Inverter Refrigerators up to 750 Litres
Capacity	4 Ampere
Working Input Voltage Range	125 VAC - 290 VAC
Item Weight	1 kg 300 g
Item Dimensions (LxWxH)	26 x 12.5 x 10.2 Centimeters
Country of Origin	India
Manufacturer	V-Guard Industries Ltd.

9. WARRANTY AND SUPPORT

The V-Guard Elegna 750 Stabilizer comes with a comprehensive **3-year warranty** from V-Guard. This warranty covers manufacturing defects and malfunctions under normal use. Please refer to the included Warranty Guide for detailed terms and conditions.

For technical assistance, service requests, or warranty claims, please contact V-Guard customer support.

Manufacturer: V-Guard Industries Ltd.

42/962, Vennala High School Road, Vennala, Kochi- 682028, Kerala, India

Please keep your purchase receipt and the warranty card for future reference.