

[Manuals.plus](#) /

› [Everest](#) /

› Everest EWD 400 N Elegant Digi Voltage Stabilizer User Manual

Everest EWD 400 N Elegant Digi

Everest EWD 400 N Elegant Digi Voltage Stabilizer User Manual

Model: EWD 400 N Elegant Digi | Brand: Everest

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Everest EWD 400 N Elegant Digi Double Booster Voltage Stabilizer. This device is designed to protect your air conditioner (up to 1.5 Ton, both inverter and normal ACs) from voltage fluctuations, ensuring stable power supply and extending the lifespan of your appliance.

2. SAFETY INSTRUCTIONS

Please observe the following safety precautions to prevent damage to the stabilizer or connected appliances, and to ensure personal safety:

- Read all instructions carefully before installation and use.
- Ensure the stabilizer is installed by a qualified technician.
- Do not open the stabilizer casing; there are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Keep the stabilizer away from water, moisture, and direct sunlight.
- Ensure proper ventilation around the unit to prevent overheating.
- Verify that the input voltage range of the stabilizer matches your local mains supply.
- Do not overload the stabilizer beyond its specified capacity (4000 Watts / 1.5 Ton AC).
- Always disconnect power before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Upon unpacking, please ensure all items are present:

- Everest EWD 400 N Elegant Digi Voltage Stabilizer
- Warranty Card

4. PRODUCT FEATURES

The Everest EWD 400 N Elegant Digi Stabilizer incorporates several features designed for optimal performance and protection:

- **Compatibility:** Specifically designed to support AC units up to 1.5 Ton, including both inverter and normal ACs.
- **Advanced Technology:** Utilizes German technology and Toroidal Transformers for enhanced efficiency and protection against power surges and electrical abnormalities.
- **Initial Time Delay System:** Features an initial time delay system that protects and extends the life of your AC's compressor. By providing a gradual power supply during start-up, it reduces stress on the compressor, minimizing wear and tear.
- **Digital Display:** A 7-segment digital display provides real-time monitoring of the output voltage and indicates critical operational statuses.
- **Voltage Protection:** Includes automatic low and high voltage cut-off mechanisms to safeguard connected appliances from extreme voltage fluctuations.
- **Overload Protection:** Built-in thermal overload protection prevents damage from excessive current draw or overheating.
- **Short Circuit Protection:** Provides comprehensive safety against sudden electrical spikes and short circuits.
- **Wall Mountable Design:** Designed for convenient and secure wall installation near your AC unit.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your voltage stabilizer:

1. **Choose Location:** Select a dry, well-ventilated area near your AC unit. The stabilizer is designed for wall mounting. Ensure there is sufficient space around the unit for airflow.
2. **Mounting:** Use appropriate screws and wall plugs (not included) to securely mount the stabilizer on the wall. Refer to the dimensions provided below for planning the installation space.
3. **Connect Input:** Connect the main power supply cable from your electrical outlet to the stabilizer's input terminal. Ensure all connections are firm and correct.
4. **Connect Output:** Connect your AC unit's power cord to the stabilizer's output socket.
5. **Power On:** Once all connections are secure and verified, switch on the main power supply to the stabilizer. The digital display will illuminate, indicating operation.



Image: Dimensions of the Everest EWD 400 N Elegant Digi Stabilizer, showing it is wall mountable with measurements of 20 cm (height), 27 cm (width), and 10 cm (depth).



Image: The Everest EWD 400 N Elegant Digi Stabilizer mounted on a wall in a bedroom, connected to an air conditioning unit. The digital display shows "220".

6. OPERATING INSTRUCTIONS

The Everest EWD 400 N Elegant Digi Stabilizer operates automatically to regulate voltage. Once connected and powered on, it will continuously monitor the input voltage and adjust the output to a safe range for your AC.

- **Digital Display:** The front panel features a digital display that shows the current output voltage. This allows you to monitor the power supply to your AC.
- **Initial Time Delay:** Upon power-on or recovery from a power cut, the stabilizer will initiate a time delay (typically a few seconds) before supplying power to the AC. This delay protects the compressor from immediate restarts, which can cause damage.
- **Automatic Cut-off:** If the input voltage goes beyond the safe operating range (below 150V or above 270V), the stabilizer will automatically cut off power to protect the AC. Power will be restored automatically once the voltage returns to a safe level after the time delay.



Image: A close-up front view of the Everest EWD 400 N Elegant Digi Stabilizer, highlighting its digital display showing an output voltage of "230".

7. MAINTENANCE

The Everest EWD 400 N Elegant Digi Stabilizer requires minimal maintenance to ensure its longevity and performance:

- **Cleaning:** Periodically wipe the exterior of the stabilizer with a soft, dry cloth to remove dust. Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the casing or internal components.
- **Ventilation:** Ensure that the ventilation slots on the stabilizer are not blocked by dust or other objects. Proper airflow is crucial to prevent overheating.
- **Inspection:** Occasionally check the power cords and connections for any signs of damage, fraying, or loose fittings. Address any issues promptly to prevent electrical hazards.

8. TROUBLESHOOTING

If you encounter issues with your stabilizer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Stabilizer not turning on / No display	• No power from the main electrical outlet. • Loose or incorrect wiring connections. • Internal stabilizer fault.	• Check the main power supply to the outlet. • Verify all input and output connections are secure and correctly wired. • If the issue persists, contact customer support.

Problem	Possible Cause	Solution
AC not receiving power / Stabilizer cuts off frequently	• Input voltage is outside the stabilizer's working range (below 150V or above 270V). • Connected AC capacity exceeds 1.5 Ton or 4000 Watts (overload). • Initial time delay is active after power restoration.	• Monitor the digital display for input voltage readings. If consistently out of range, consult your electricity provider. • Ensure your AC unit's capacity is within the specified 1.5 Ton limit. • Wait for the initial time delay to complete (typically a few seconds to minutes, depending on the model).
Stabilizer making unusual noises or overheating	• Poor ventilation around the unit. • Internal component issue or fault.	• Ensure adequate space around the stabilizer for proper airflow and that ventilation slots are clear. • Immediately disconnect power from the stabilizer and contact customer support. Do not attempt to repair it yourself.

If the problem persists after attempting these solutions, please contact Everest customer support for assistance.

9. SPECIFICATIONS

Detailed technical specifications for the Everest EWD 400 N Elegant Digi Voltage Stabilizer:

Feature	Detail
Model	EWD 400 N Elegant Digi (Item Model Number: 4 Elegant)
AC Compatibility	Up to 1.5 Ton (Inverter & Normal AC)
Working Range (Input Voltage)	150 V to 270 V
Output Voltage	200 V - 240 V
Rated Current	14 Amps
Load Capacity	4000 Watts
Item Weight	6 kg
Dimensions (L x W x H)	27 x 10 x 20 Centimeters
Display Type	7-Segment Digital Display
Technology	German Technology, Toroidal Transformers
Country of Origin	India

10. WARRANTY AND CUSTOMER SUPPORT

Your Everest EWD 400 N Elegant Digi Stabilizer comes with a comprehensive warranty and dedicated customer support to ensure your peace of mind.

- **Warranty Summary:** The product is covered by a 5-Year Warranty, which includes 1 Year Product Warranty and an additional 4 Years Service Warranty. Please refer to your warranty card for full terms and conditions.

- **Customer Care Number:** For any queries, technical assistance, or service requests, please contact our customer care at [18004250099](tel:18004250099).
- **Email Support:** You can also reach us via email at everestcomplaint2020@gmail.com.
- **Manufacturer Address:** Everest Stabilizers Pvt.Ltd, 18, Kamaraj Salai, Eldams Road, Teynampet, Chennai-600018.

Please retain your original purchase receipt and the warranty card, as these documents are required for any warranty claims or service requests.

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