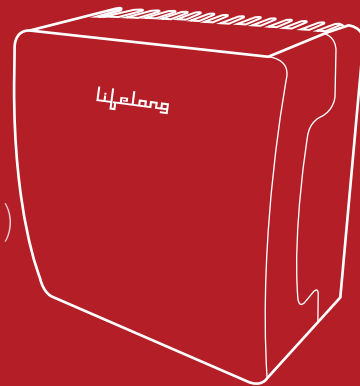


lifelong

HOME

MAKING IT POSSIBLE

# Voltage Stabilizier (Suitable for AC)



Smart  
Technology



Microprocessing  
Technology



Automatic  
Restart



Time Delay  
Technology



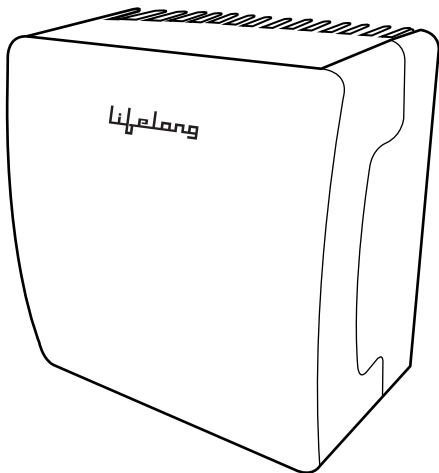
Elegant  
Design

**1 YEAR  
WARRANTY**

Dear Customer,

Congratulations on your Lifelong Purchase. Our name stands for high-quality and thoroughly tested products. This Lifelong Voltage Stabilizer is a great time saver and a helpful gadget.

This unit has been produced under stringent quality norms coupled with good manufacturing practice, which will ensure years of uninterrupted service of optimise the performance of the unit.



## INSTALLATION

### (A) Where to Install

The system should be installed in a location that meets the following requirements:

- i) **Dry** - Do not allow water to drip or splash on the Stabilizer.
- ii) **Cool** - The ambient air temperature around the system should be between 0°C and 45°C (30°F and 105°F). Cool environment is better for the system.
- iii) **Ventilated** - Allow at least 2 inches (5cm) of clearance around the system for air flow.
- iv) **Safe** - Do not install the Stabilizer in the vicinity of flammable liquid storage.

### (B) Where to Install

- i) Inspect the product for any external damages.
- ii) Check the Mains Power Supply and Earthing.
  - a) Measure Voltage across Earth & Neutral by Multi-meter.
  - b) It should be less than 5V.
  - c) If NOT, check the electric wiring for proper Earth & Neutral.
- iii) Check the compatibility of Stabilizer with appliances using its user manual to avoid overloading.
- iv) Make the connection as per the block diagrams.
- v) Ensure that the wires are screwed tightly / insert the 3 pin plug in the properly earthen 5Amp 3-pin power socket.

### (C) How to operate

- i) Once again check the wiring properly.
- ii) Switch on the Mains power supply.
- iii) Wait for the reverse time counter to be zero.
- iv) Now check the proper working of load.

## TECHNICAL SPECIFICATION

Models	TR100D4	TR120D3	TR140L3	TT90L7	TT90L3
Description	Automatic Voltage Stabilizer				
	Suitable for Refrigerator upto 450L	Suitable for Refrigerator upto 300L	Suitable for Refrigerator upto 300L	Suitable for upto 70" LED TV + STB	Suitable for upto 32" LED TV + STB
Input Supply Lead	YES				
Input Voltage Working Range	100V-280V ± 5V	120V-280V ± 5V	140V-270V ± 10V	90V-280V ± 5V	90V-280V ± 5V
Output Voltage Range	180V-250V ± 5V	180V-250V ± 5V	160V-260V ± 10V	150V-250V ± 5V	150V-250V ± 5V
Mains AC Low Cut	90V ± 5V	110V ± 5V	130V ± 10V	80V ± 5V	80V ± 5V
Mains AC Low Cut Recovery	100V ± 5V	120V ± 5V	140V ± 10V	90V ± 5V	90V ± 5V
Mains AC High Cut	290V ± 5V	290V ± 5V	265V ± 10V	290V ± 5V	290V ± 5V
Mains AC High Cut Recovery	280V ± 5V	280V ± 5V	255V ± 10V	280V ± 5V	280V ± 5V
Max Current	up to 2A	up to 1.2A			
i-Start Time Delay	1-180 Sec	1-180 Sec	1-2 Sec	1-5 Sec	1-5 Sec
Display	7-Segment		LED		
Display Indications	Input Voltage, Output Voltage, High/Low Voltage Cut-off		Red LED for Cut-off & White LED for ON Mains		

Specifications are subject to change without prior notice.

## TROUBLE SHOOTING AND PRECAUTIONS

Problem and Symptoms	Possible Cause	Solution
Digital Display/LED lights not working	No power supply	Wait for power supply
	Wall socket defective	Replace the socket
	System defective	Call Luminous Service Center
Load is working but Digital Display/LED lights not working	Faulty Display Indicator	Call Luminous Service Center
Digital Display / On Mains LED light working, but connected load does not work	It shows LC for Low Voltage Cut and HC for High Voltage Cut in Digital Display Model or Cutoff High/Low LED light glows Red in LED model	Wait for Power supply level to return to normal
	2. To confirm possibility that load connected is faulty, Bypass the stabilizer and check a) If load is working b) If load is not working	Call Luminous Service Center Call Relevant Service provider
Mild shock when touching the system	Poor earthing of Appliance / Socket	Check the housing wiring / Call an electrician
Noise / Vibration	It is normal to hear frequent relay operation noise	If noise level is high, Call Luminous Service Center

## PRECAUTIONS:

- Do not disassemble the system on your own; **contact customer care** center when service or repair is required. Incorrect reassemble may result in a risk of electric shock or fire.
- To reduce risk of electric shock, disconnect all wiring from the system before attempting any maintenance or cleaning. Turning off the system will not reduce this risk.

### • Grounding Instruction:

The stabilizer is so designed that it calls for very little maintenance. Always keep the outer space of the stabilizer clean. (Use a dry cotton cloth to wipe off the dust from its body).

**Note :** To prevent fire, do not cover or obstruct ventilation openings. Do not install the system in a zero-clearance compartment. It may lead to over heating which may result in system failure.

## Consumer Warranty Card

Dear Customer,

Thank you for choosing a Lifelong consumer product. All Lifelong Consumer products are designed and manufactured to the highest standards to deliver high quality performance, as well as easy installation and use. At Lifelong, we believe in providing not only service, but adding value to your purchase. The warranty has therefore been designed especially for you with your interest at heart.

### Warranty Service

All Lifelong consumer products are covered against manufacturing defects from their date of purchase.

Name of the product: \_\_\_\_\_

Model: \_\_\_\_\_

Warranty coverage: 1 year

Please note: Purchase receipt is necessary for warranty verification.

Customer Care: [customercare@lifelongindia.com](mailto:customercare@lifelongindia.com)

### Customer Details

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Home Number: \_\_\_\_\_

Office Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

### Product Details

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Invoice Number: \_\_\_\_\_

Online Site: \_\_\_\_\_

Please log onto to [www.lifelongindiaonline.com](http://www.lifelongindiaonline.com) and complete the online warranty form with your personal and product details within 14 days.

## Terms and Conditions:

1. This warranty is void if:
  - a. The completely filled warranty card is not presented at the time of servicing the product.
  - b. The product is not operated according to the instructions given under the user manual.
  - c. Damages are caused by lightning, abnormal voltage, water or other liquid intrusion, fire, flood, accident, negligence or improper handling.
  - d. Product has been damaged due to installation, repairs, alterations or modifications by unauthorized service organizations or persons.
  - e. Product label specifying the model number, serial number and production code has been removed and altered.
  - f. Defects or parts requiring replacement due to ordinary wear and tear, corrosion, rust or stains, scratches, dents on the casing or paintwork of the product.
  - g. Claims damaged and/or missing parts (accessories) after 7 days from the original date of goods received.
  - h. Defects or faults in product which have been used for commercial/industrial purposes or which have been rented/leased or have been otherwise subject to non-household/non-domestic use.
2. Repairs or replacements will be carried out by authorized service provider.
3. During the limited warranty period, Lifelong or its authorized service provider will repair without charge the defective unit inclusive of labor and parts and restore the unit to its optimum working condition. All defective parts used for the warranty repair should be surrendered to Lifelong and/or its authorised service.
4. All expenses incurred in collecting the unit (s) or part(s) thereof from authorised service provider as well as any other expenses and incidentals will be borne by the consumer.
5. Lifelong obligations are limited to the repair and replacement of the defective product. Except as set forth above, there are no other express or implied warranty and all warranted, conditions or other terms implied by statute or common law (including any warranty of satisfactory quality, merchantability or fitness for a particular purpose) are excluded to the fullest extent permitted by the law.
6. Lifelong total liability for damages relating to or arising out of the purchase or use of the product regardless of the type or cause of such damage of the form of characterization of the claim asserted (e.g. contract or tort) shall not exceed the original purchase price paid for the product.
7. However in no event shall Lifelong and Lifelong authorized distributors be liable for any punitive, special incidental, indirect or consequential losses or damages whatsoever (including without limitation, damages for the loss of revenue, business, profits, goodwill, or contracts, business interruptions, loss of business information or any other pecuniary loss.) Whether or not Lifelong has been advised of the possibility of such damages. These limitations shall apply not withstanding the failure of the essential purpose of any limited warranty. This limited warranty does not affect consumer's statutory rights under the law.
8. No carrier, dealer or employee is thereof authorized to make modifications to this warranty and you should not rely on any such representation. Lifelong reserves the right to amend the terms and conditions if necessary.

Manufactured for & Marketed by :

**Lifelong Online Retail Private Limited**

**Made in India**

For queries and complaints:

please contact: [customercare@lifelongindia.com](mailto:customercare@lifelongindia.com)

[www.lifelongindiaonline.com](http://www.lifelongindiaonline.com)