



# **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 2 years 9 months of total 3 years warranty. This undertaking does not extend to any equipment connected to the voltage stabilizer.

<b>Model</b> : CRYSTAL 150 PRIME	<b>Capacity</b> : 4 Ampere	<b>Application</b> : Smart/LED TV up to 203 cm (80) + Set Top Box + Home Theatre / Gaming Console
----------------------------------	----------------------------	---

The most up-to-date design and manufacturing standards make this an ideal guard for your equipment from voltage fluctuations. This stabilizer is equipped with surge and spike protection for the protection of your Smart/LEDTV from input voltage transients. 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. Make sure that there is no loose connection and proper earthing is done. Do not cover the stabilizer with cloth or any other material and ensure that proper ventilation is provided for stabilizer. Please refer the below table for display indications

<b>Condition</b>	<b>Display Indication</b>	<b>Output Voltage</b>
Normal Input and Output Voltage	IP- (Shows Input Voltage)	Available
	OP-(Shows Output Voltage)	
Low / High Voltage Cut-off	Lo / Hi	Not Available
Time Delay	dLy	
Output Voltage Error	OHi	
**Overload Cut-off/No Mains Input	<i>No Display</i>	

If the line voltage below 90V or above 290V the stabilizer will not give output voltage. If the display shows Lo/Hi, then the stabilizer is either in low / high voltage cut-off. The stabilizer will give output voltage automatically when the line voltage comes to the working range. This Stabilizer is incorporated with an initial time delay of  $5 \pm 2$  s.

\*\*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 misbehavior of connected equipment the protection acts, and stabilizer goes to OFF hence digital display 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 connect any other equipment, which draws more than the rated current to this stabilizer.

Switch off stabilizer when TV is not in use.



V-Guard Industries Ltd.,  
Registered Office: 42/962,  
Vennala High School Road,  
Vennala, Kochi - 682028, Kerala.  
Ph: 0484-2005000, 4335000  
[www.vguard.in](http://www.vguard.in)

SCAN TO AVAIL THE  
**DIGITAL  
WARRANTY**  
BY REGISTERING YOUR  
PRODUCT ONLINE



V-Guard Care  
0120 485 0100  
1860 180 3000  
[customercare@vguard.in](mailto:customercare@vguard.in)  
☎ 9633503333



[www.vguard.in/home/customer-care](http://www.vguard.in/home/customer-care)  
CIN: L31200KL1996PLC010010