



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. We undertake to repair this unit FREE OF CHARGE for a period of 36 months from the date of purchase, if any defect in material or workmanship occurs. This undertaking does not extend to any equipment for which the voltage stabilizer is connected.

Model	Capacity	Application
VE 400 STANDARD	12 Ampere	One Air Conditioner Up to 1.5 TON

The most up-to-date design and manufacturing standards make this an ideal guard to your equipment from voltage fluctuations. This unit can withstand up to 320 V 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. Surge or spike protection is not provided in this stabilizer.

*Recommended wire gauge (for any additional interconnection/cabling) : Multistranded 2.5 Sq.mm for VE 400 Standard.

Please follow these simple instructions carefully:

Connect your equipment to V-GUARD stabilizer and connect the stabilizer to mains through 32A or above rated C Curve MCB. Do not cover the stabilizer with cloth or any other material and ensure that proper ventilation is provided for stabilizer. Make sure that there is no loose connection and proper earthing is done. This stabilizer is provided with digital display, normally shows input and output voltages intermittently. When the display shows i/p voltage or o/p voltage, the stabilizer is feeding normal voltage to your connected equipment. If the display shows 'dLy' or 'Ht-' then the stabilizer is in restart time delay or High temperature cut-off condition respectively.

Condition	Display Indication	Output Voltage
Normal Input and Output Voltage	IP- (Shows Input Voltage)	Available
	OP-(Shows Output Voltage)	
Low / High Voltage Cut-off	Lo / Hi	Not Available
High Temperature Cut-off	Ht-	
Time Delay	dLy	
Thermal Sensor Error	ntc	
Output Voltage Error	OHi	
No Mains Input	No Display	

If the line voltage below 100V or above 280V the stabilizer will not give output voltage and the display shows 'Lo' & 'Hi' respectively. In few places it is likely that voltage remains very low during peak hours of power consumption (between 6 p.m. and 9 p.m.). Hence stabilizer may be in cut-off condition, if the line voltage is below 100V. When the line voltage comes to the working range, the stabilizer will give output automatically. This Stabilizer is incorporated with an initial time delay of 5 ± 2 s

Switch off stabilizer when AC is not in use.



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