



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. Installation and operation according to this manual assures maximum endurance to the product. The V-Guard VGMW 100 PLUS stabilizer designed to correct the unwanted voltage fluctuations from reaching the connected load.

SPECIFICATIONS

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	CAPACITY
VGMW 100 PLUS	70 VAC-280 VAC	200 VAC-250 VAC (FROM 100 VAC-280 VAC INPUT)	4 Ampere

VISUAL INDICATIONS

CONDITION	DIGITAL DISPLAY INDICATION	OUTPUT VOLTAGE
Normal Input and Output voltage	IP- (Shows Input Voltage) OP- (Shows Output Voltage)	Available
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	
**Overload Cut-off / No Mains Input	No Display	

Specifications are subject to change without prior notice.

**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.

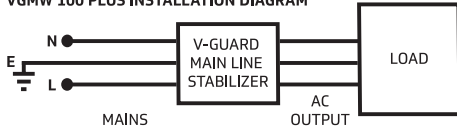
WARNING !!

Do not tamper the equipment as there are high voltage tappings, any shock or injury to an unauthorized person tampering with the equipment will be at his own risk. Do not cover the stabilizer with cloth or any other material and ensure that proper ventilation is provided for stabilizer. Ensure that the MCB's are of proper rating. If the MCB trip off repeatedly at short intervals, check connected loads and input line for any fault. If still the complaints persist, Please contact V-Guard care (refer the back page) and register your complaint to further support.

INSTALLATION PROCEDURE

1. Connect the mains to input of mainline stabilizer through 16A or above rated C curve MCB as per the given diagram. Make sure that there is no loose connection and proper earthing is done, then switch ON the mains supply.
2. Now the digital display shows "dLy" for 5 seconds and then input and output voltage intermittently within the working range.
3. Switch OFF the mains and connect the load to output socket provided in the rear side of the stabilizer using three pin plug.
4. Switch ON the mains, now the stabilizer feeds regulated voltage to the connected load.

VGMW 100 PLUS INSTALLATION DIAGRAM



Recommended Wire Gauge : Multi Stranded 1.5 Sq.mm



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