



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 570 stabilizer designed to correct the unwanted voltage fluctuations from reaching the connected load.

SPECIFICATIONS

| MODEL | INPUT VOLTAGE | OUTPUT VOLTAGE | CAPACITY |
|----------|----------------|---|-----------|
| VGMW 570 | 70 VAC-300 VAC | 200 VAC-250 VAC (FROM 100VAC-300VAC INPUT) | 15 Ampere |

VISUAL INDICATIONS

| CONDITION | 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 | |
| Output Voltage Error | OHi | |
| Overload cut-off | OLd | |
| No Mains Input | No Display | |

MCB TRUTH TABLE

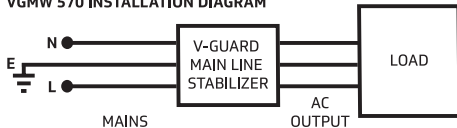
| STABILIZER MCB | BYPASS MCB | OUTPUT |
|----------------|------------|---------------------------------------|
| ON | OFF | Regulated Output |
| ON | ON | Regulated Output within working range |
| OFF | ON | Bypass |
| OFF | OFF | No Output |

Specifications are subject to change without prior notice.

INSTALLATION PROCEDURE

1. Connect the mains to input of mainline stabilizer through 63A 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. Turn ON the STABILIZER MCB, 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 STABILIZER MCB, connect the load to output terminals provided in the rear side of the stabilizer. Ensure the wire orientation (N E L) and tightness.
4. Switch ON the mains and STABILIZER MCB, now the stabilizer feeds regulated voltage to the connected load.

VGMW 570 INSTALLATION DIAGRAM



Recommended Wire Gauge : Multi Stranded 6 Sq.mm

WARNING !!

Do not tamper with the equipment as there are high voltage tapplings, any shock or injury to an unauthorized person tampering with the equipment will be at this 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. Air Conditioner up to 2 Ton/ Lighting load up to 15 Ampere can be connected to this stabilizer (Any one of the mentioned application can be run at a time).



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