



# **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 1000 PLUS stabilizer designed to correct the unwanted voltage fluctuations from reaching the connected load.

### SPECIFICATIONS

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	CAPACITY
VGMW 1000 PLUS	110V-290V AC	200V-250V AC (FROM 125V-280V AC INPUT)	30 Ampere

### VISUAL INDICATIONS

CONDITION	DIGITAL DISPLAY INDICATION	OUTPUT VOLTAGE
Normal Input and Output voltage	Shows input / output voltage intermittently	Available
High voltage / Low voltage	Hi / Lo	Not Available
High temperature Cut - off	Ht-	
Delay	dLy	

### MCB TRUTH TABLE

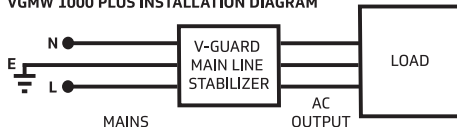
STABILIZER MCB	BYPASS MCB	OUTPUT
ON	OFF	Regulated Output
ON	ON	Regulated Output within working range
OFF	ON	Bypass
OFF	OFF	No Output

**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 1000 PLUS INSTALLATION DIAGRAM



# Recommended Wire Gauge : Multi Stranded 10 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. After rectification reconnect the load



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