V-GUARD

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 VGMEW 500 PLUS stabilizer designed to correct the unwanted voltage fluctuations from reaching the connected load.

SPECIFICATIONS

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	CAPACITY
VGMEW 500 PLUS	70 VAC-280 VAC	200 VAC-250 VAC (FROM 74 VAC-260 VAC INPUT)	15 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

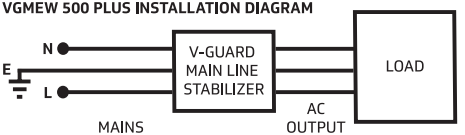
1. Connect the mains to input of mainline stabilizer through 63A or above rated C curve MCB as per the given diagram. Make sure that there is no loose connection and proper earthing is done, then switch ON the mains supply.

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.

VGMEW 500 PLUS INSTALLATION DIAGRAM



Recommended Wire Gauge : Multi Stranded 10 Sq.mm

WARNING !!

Do not tamper with the equipment as there are high voltage tappings, 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).

V-GUARD

V-Guard Industries Ltd.,
Registered Office: 42/962,
Vennala High School Road,
Vennala, Kochi - 682028, Kerala.
Ph: 0484-2005000, 4335000
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
9633503333

www.vguard.in/home/customer-care

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