



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

SPECIFICATIONS

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	CAPACITY
VMT 500 PLUS	110V-500V AC	200V-250V AC (FROM 145V-480V AC INPUT)	15 Ampere

This unit can withstand up to 520V AC input. Please ensure that excess voltage beyond this level is not fed to the stabilizer, which cause serious damage to the stabilizer and connected equipment, in which case warranty will have no application.

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	

Specifications are subject to change without prior notice.

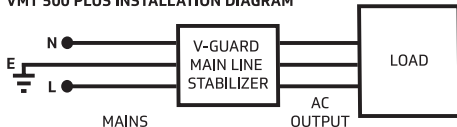
WARNING !!

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 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. 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).

INSTALLATION PROCEDURE

1. Connect the mains to input of mainline stabilizer through 40 Ampere 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.

VMT 500 PLUS INSTALLATION DIAGRAM



- # Recommended Wire Gauge for input connection of stabilizer : Multi Stranded 6 Sq.mm
- # Recommended Wire Gauge for output connection of stabilizer : Multi Stranded 4 Sq.mm



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