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ON-SITE WARRANTY

YEARS

WARRANTY CARD

USER'S MANUAL &

AUTOMATIC

VOLTAGE

STABILIZER

FOR MAINS

MICROTEK

MICROTEK

CUSTOMER CARE

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ISO CERTIFIED COMPANY

CERTIFIED

9001:2015

ISO 14001:2015

CE

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002-186-Manual-Stab-EML V.9

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Congratulations on selecting **MICROTEK Energy Efficient Automatic Voltage Stabilizer for MAINS** & subsequently joining the family of the millions of satisfied users of Microtek Products. Before using this Stabilizer, Please read this manual carefully to familiarize yourself with all its features, controls and safety precautions.

Each MICROTEK Energy Efficient Automatic Voltage Stabilizer is manufactured under stringent quality standards and is the Perfect Guard for your equipment from voltage fluctuations and can withstand upto 300V AC input . Please ensure that voltage above specified level is not fed to the stabilizer, as that can cause serious damage to the stabilizer and/or connected equipment, in which case the Warranty will become null & void. This Stabilizer is designed to work upto 40°C ambient temperature.

MODEL	PEARL EML2090	EML2090	EML3090	EML5090	EML8090	EML10090
Application	STABILIZER FOR MAINS					
Working Input Voltage Range	100~290V	100~290V	90~300V	90~300V	100~290V	100~290V
Capacity	2KVA*	2KVA*	3KVA*	5KVA*	8KVA*	10KVA*

INSTALLATION PROCESS: 1. Connect the Mains input to the main line stabilizer. (Earthing must be connected). 2. Switch ON the Stabilizer MCB. 3. Read the Input Voltage from Digital Display, to check the Output Voltage press the button. 4. Switch OFF the Stabilizer MCB and Connect the load properly and in correct order (L N E) at output terminals provided at the backside.

* The Capacity mentioned is based on resistive load only. For better performance it is recommended to keep the load current max. upto 6AMPS for 2KVA, upto 9AMPS for 3KVA, upto 15AMPS for 5KVA, upto 25AMPS for 8KVA and upto 30AMPS for 10KVA models.

DIGITAL DISPLAY SHOWS STATUS AS BELOW:

High Cut Off : HI	Low Cut Off: LO
Input: Cont. Display ON	Over Heating/Overload: OHT
Output: Press the switch to see Output	Delay: DLY

OUTPUT PARAMETERS AS PER MCB STATUS

STAB. MCB	BYPASS MCB	OUTPUT
ON	OFF	REGULATED OUTPUT
ON	ON	REGULATED OUTPUT within WORKING RANGE
OFF	ON	BYPASS
OFF	OFF	NO OUTPUT

In EML2090 / PEARL EML2090 Bypass Switch is provided to Bypass the Stabilizer in case of any failure.

CAUTION: 1. **DON'T** Tamper with the unit as certain tapings are of 440V. Any shock or injury to an unauthorised person with the unit will be at his/her own risk. 2. **ENSURE** that the MCBs are of correct rating and Never use higher rating. 3. If the MCB trips OFF repeatedly at short intervals, check mainline stabilizer and input line for any fault. After rectification reconnect the product.

NOTE: Because of a policy of continuous product improvement, the specifications are subject to change without notice.

TERMS AND CONDITIONS OF WARRANTY

Microtek International P. Ltd., warrants each instrument to be free from defects in materials and workmanship for a period of Two years after initial delivery. This obligation is limited to servicing any instrument or part returned to the authorised service center for that purpose and to making good any parts thereof which shall, within the warranty period, be returned to the company or authorised Service center under a written intimation and which to the company's satisfaction be found defective.

The warranty does not cover damages caused to the cabinet or any trouble arising because of misuse of the stabilizer by over-loading or repair done by any unauthorised person. Furthermore the warranty is subject to the condition that repair if any must be done by companies service personnel only. The warranty is for the stabilizer only and liability for consequential loss or damage will neither be accepted nor is it implied. The warranty will be void if the product is tampered with.

Caution: Opening Microtek Stabilizer may disturb the calibration. Only experienced engineers can re-calibrate the unit with the help of sophisticated test equipment. It is not advisable to connect 60Hz equipment with this stabilizer. Remove the pin top of the stabilizer from the mains input socket during lighting.

*All disputes, if any are subject to Delhi jurisdiction only.

Sl. No._____

Inspected By:_____

Buyer's Name_____

Bill No._____ Dated:_____

Dealer's Stamp and Signature