

# AUTOMATIC VOLTAGE SERVO STABILIZER



AN ISO  
9001 : 2000



Quality Reliability & Precision Work

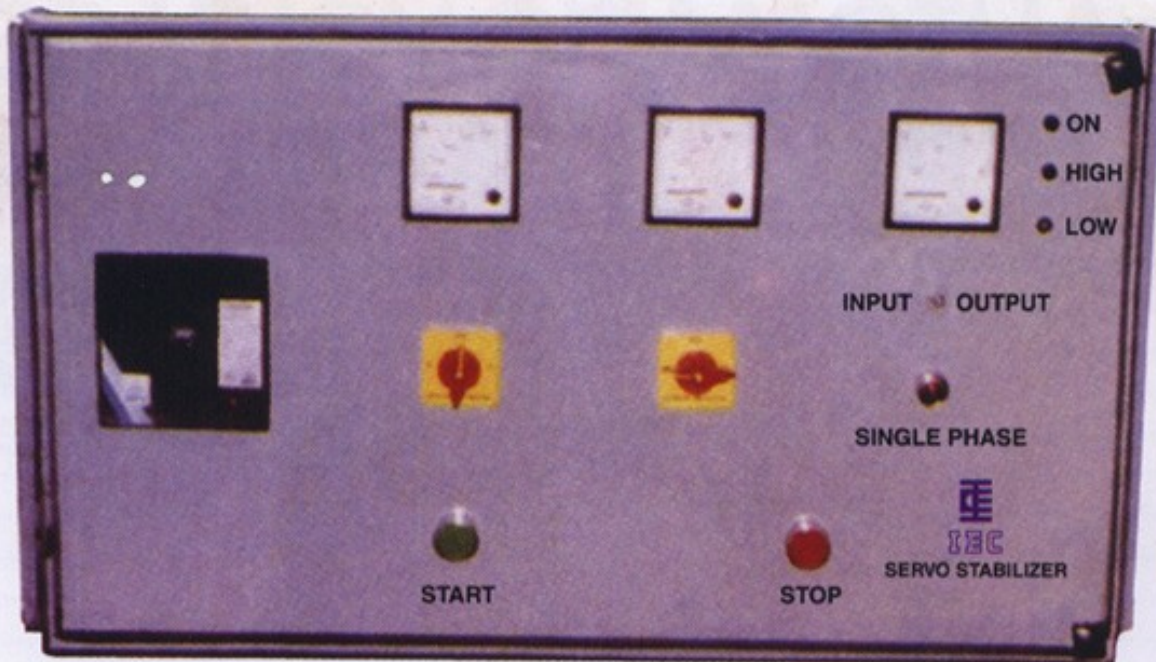
# IEEC

CLAIM 100 % DEPRECIATION  
AS PER INCOME TAX ACT  
APPENDIX - 1 (3E) C



Manufactured By :

**INDUSTRIAL ELECTRICAL CORPORATION**



### FEATURES :

IEC SERVO CONTROLLED VOLTAGE STABILIZER is design & Manufacturer as per ISI specification by skield Engineers. It is reliable product for stable supply. It's fast correction ratio against quick voltage fluctuation ensure trouble free operation for high precision electrical trouble & Sophisticated electronic equipments. Sitting in fully Ventilated sheet metal cabinet sprayed with lacquer finish paints. It's rugged build & sleek looks make it a truly top-of-the-line product.

### SPECIFICATION :

#### SINGLE PHASE

Input	:	170 V to 270 Volts A.C.
Output	:	230 V.A.C. $\pm 0.5\%$ Adj.
Frequency	:	47-51 Hz
Phase	:	single
Line Regulation	:	$\pm 1\%$
Load Regulation	:	$\pm 1\%$
Over Load capacity	:	120% For 1 Minutes.

#### THREE PHASE :

Input	:	300 V to 460 V.A.C.
Output	:	415 V.A.C. $\pm 0.5\%$ Adj.
Frequency	:	47-51 Hz
Phase	:	Three.
Line Regulation	:	$\pm 1\%$
Load Regulation	:	$\pm 1\%$
Over Load capacity	:	120% For 1 Minutes.
Capacity	:	1 K.V.A. to 1500 K.V.A.



**INDUSTRIAL ELECTRICAL CORPORATION**

Manufactured By :  
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### APPLICATION :

The IEC is an indispensable companion with all high tech electrical & electronic equipments & machinery requiring steady input. It will find fruitful applications in.

COMPUTER CENTERS  
HOSPITALS  
OFFICES  
FACTORIES  
SCIENTIFIC LABORATORIES  
ZEROX CENTERS  
EDP CENTERS

### DESIGN FEATURES :

A complete solid state design using Relay drivers.  
Fast rate of correction grater than 36 Volts/Sec.  
Short-Circuit protection  
Overload protection  
Output error is less than 0.5%  
Efficiency is greater than 95%  
Waveform distortion is zero  
Visual warning with LED's against very high & very Low input Voltages.  
Performance unaffected by load powerfactor.

### OPTIONAL FEATURES :

Audio alarm at high low inputs  
Automatic high/low cut out facility with manual reset.  
Transient suppression network.  
Line noise suppression network.

**Other input voltage ranges.**  
160-260 V/ 160-280 V/ 180-300 V/ 150/300 V.  
300-460 V/ 330-460 V/ 360-460 V/ 360/500 V.

**Also Available Servo Voltage Stabilizer**  
With output voltage of 110 V.

All the contains provided in catalogue and subject to revision due to technology upgradation. All recipients are requested to due to contact factory for latest information prior to placing an order.