

YOJAN[®]



FEATURES :

- Accurate voltage control through rugged AC stepper motor with low wear & tear.
- Designed for continuous duty full load operation.
- 100% Protection against - Under voltage/Over voltage, Overload & Short circuit,
- Single Phasing, Spikes & Surges.
- Low maintenance cost long life span.
- Audible & Visual indications for trip conditions.

APPLICATIONS :

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|-------------------------|-----------------------|---------------------|
| • CNC Machines | • Textile Machines | • Printing Machines |
| • Bio Medical Equipment | • Garment equipment | • Molding Machines |
| • Air Conditioners | • Testing Instruments | • Packing Machines |
| • Medical Instruments | • Show Room, Malls | |

OTHER PRODUCTS - ISOLATION TRANSFORMER

TECHNICAL SPECIFICATIONS

Parameter	3 Phase Unbalanced Air Cooled	3 Phase Unbalanced Oil Cooled
Voltage Stabilizer	Servo Controlled Voltage Stabilizer with 3-Phase input and 3-Phase output, indoor type, suitable for unbalanced loads and unbalanced input conditions. Independent voltage sensing and regulation in each phase.	
Rating (KVA)	6 - 150 KVA	6 - 500 KVA
Type of Cooling	Air Cooled	Oil Cooled
Input / Output	Input: 3 Phase 4-wire (3L + N)	Output: 3 Phase 4-wire
Configuration	Input regulation voltage	Nominal Output Voltage
Input Voltage (V L-L)	310-480V / 340-480V / 360-460V	
Output Voltage (V L-L)	415V (380V/400V - Optional)	
Input Frequency Range	47Hz to 53Hz	
Type of Servo Control	Microcontroller based True RMS sensing and correction	
Output voltage regulation	1% of nominal output voltage	
Efficiency	Above 97%	
Servo Motor Drive	Trac based drive for AC Step Synchronous Motor	
Under / Over Voltage Cutoff	Electronic cutoff circuit with graded time delay, set @+5%/-10% of nominal output voltage.	
Phase Reversal Trip	Provided	
Short circuit protection	MCB/MCCB provided up to 150kva	
Single Phasing Prevention	Provided	
Spike & Surge Prevention	By MOV connected across output terminal	
Display Type	2 Line LCD Panel	
Motor	AC Synchronous Motor	
Resetting Mode	Manual / Auto option provided with programmable time delay	
Panel Mounting	Chaises of CRCA sheet dully powder coated, On Wheel	

Marketed By :

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