

# Servo Controlled Voltage Stabilizer

For Residential & Industrial Applications - 1 KVA to 1000 KVA

INDIA'S # 8

Power Electronics Company



Choose your servo from **Hykon**<sup>®</sup> a company with more than 10 Lakhs satisfied customers  
Powering the Nation

# Servo Controlled Voltage Stabilizer

For Residential & Industrial Applications - 1 KVA to 1000 KVA

Balance / Unbalanced • Air Cooled / Oil cooled • Single phase / Three Phase

Hykon servo Voltage stabilizers are an effective solution to the problems of voltage fluctuation. They are designed to give a stabilized output within 1% of the preset voltage level. These Servo stabilizers contain a motorized Auto Transformer which bucks or boosts input supply to give a stabilized output.

## General Technical Specifications

PARAMETERS	SINGLE PHASE	THREE PHASE
Input voltage range	170-270 Normal	360-460V - Narrow
	150-270 Wide	330-470V Normal
		295-465V Wide
Output voltage	230±1%	415±1%
Correction rate	35V/ sec	60V/ sec
Short circuite period	300% for 250 Milli-Seconds	
Normal Operating temperature	0 to 45°C	
Climate condition	90% RH max	
Type of cooling	Air cooled up to 150KVA	
	Oil cooled 5KW - 1000KW	
Protection	Over/ Under voltage trip	
	Over load protection with MCB	
	Single phase preventer ( optional)	
Indications-	Input ON	
	Output ON	
	Input Low	
	Input High	
Meters	Output - Trip	
	Voltmeter - with selector switch for Input & Output	
	Ammeter - with selector switch ( optional)	

## Special Features

- Micro Processor Controlled
- Indoor & Outdoor Models
- 22yrs of experience
- Operating wide input voltage fluctuations
- Efficiency > 98%

## Areas of Application

- CNC Machines
- Bio medical equipments
- Printing machine
- Textile machinery
- Telecommunication networks



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