

Servo Voltage Stabilizer

2 KVA to 3000 KVA



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QUALITY, SERVICE, RELIABILITY

TECHNICAL DATA SHEET

Capacity	:	2 KVS To 3000 KVA
Mains Supply	:	AC three phase, 4 wires, 50Hz, balanced/unbalanced
Line & Load Regulation	:	$\pm 1\%$ of Set output
Waveform Distortion	:	Same as Source
Output Adjustment	:	Voltage from stabilizer can be adjusted by $\pm 5\%$ of rated output. One adjustment is provided for each phase.
Sensitivity Adjustment	:	Enables adjustment of the Sensitivity of the stabilizer from 0.5% to approx 2%
Type of Load	:	Balanced/Unbalanced
Cooling	:	Air/natural/oil
Ambient Temperature	:	40° C
The Capacity of the stabilizer to be derated for the higher ambient temp. as under.		
Amb. Temp. 50°C 60° 70°		
Derating factor 0.89 0.79 0.69		
Protection	:	Backup automatic fuseless overload and short circuit tripping (miniature circuit breaker), provided at the output of voltage stabilizer.
Metering & Indication	:	(a. 0-500 Digital voltmeter to monitor output voltage between phases and between phase and neutral with selector switch. (b. Individual neon indicators for each phase in respective colours. (c. Separate voltages limit indicators for low and high voltages limits for each Phase.
Manual Operation	:	The stabilizer can be operated manually in manual position of the Auto/Manual switch with the help of two push buttons independently on each phase.
Input Output Terminal	:	The input & output connections are brought out through study bakelite/copper terminals of suitable current rating with clear marking for red, yellow & blue phases, two terminals to neutral connections are also provided.
Earthing	:	Two separate sturdy terminals provided.
Mounting	:	Indoor, floor-mounting. The unit is housed in sheet metal cabinet with sufficient ventilation and mounted on an angle iron frame & is fitted with unidirectional steel rollers and lifting lugs for easy portability.

For Oil cooled models drain cork. Oil level indicator, oil inlet and thermometer pockets are provided.

• **All specifications are subject to change** • **Custom models available on request**

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