

servo controlled voltage stabiliser

- > 20 years experience
- strong in R&D
- "Fail-Proof" Transformer
- MBV Stabiliser - New Model
- innovative new technologies
- in-house CNC winding
- experience in OEM supply
- complies to standards
- lower CAPEX
- lower OPEX



- upto 2,000 KVA
- Air / Oil Cooled
- wire / foil wound
- aluminium / copper
- more compact size
- lower initial costing
- high speed voltage correction
- higher efficiency
- lower maintenance
- optional IoT monitoring



Servo Controlled Voltage Stabiliser

Ratings			
1 Phase (Air Cooled)	170 ~ 270 VAC	230 VAC	1 ~ 20 kva
3 Phase (Air Cooled)	360 ~ 460 VAC	415 VAC	10 ~ 150 kva
3 Phase (Oil Cooled)	360 ~ 460 VAC	415 VAC	50 ~ 1,500 kva
Technical Specifications			
Technology	Micro-Controller Controlled		
BBT Winding	Aluminium (Std). Optional - Copper		
Variac	Copper Wound		
Design Service Life	Around 10 ~ 12 years of service life		
Input Voltage Ranges	3 Ph : 360 to 460 / 340 to 480 / 300 to 500 VAC range 1 Ph : 170 to 270 / 140 to 280 / 110 to 300 VAC range		
O/p Volt Accuracy	+/- 1 %		
Response Time	Typically < 10 msecs		
Rate of Correction	Upto 70 V / Sec		
Frequency	47 ~ 53 Hz		
Efficiency	Around 97 % for standard range & nominal voltage		
Wave Form Distortion	Nil (Same as Input)		
Harmonic Distortion	None		
Effect of Load P F	Nil		
Unbalanced Line & Load	Independent Phase sensing and control provides for 100 % load imbalance within the range of equipment		
Control Panel	Full Function Auto / Manual Controls		
Output Voltage Protection	Electronics Adjustable Output Under & Over Voltage alarm / time delay circuit / trip and bypass facility		
Servo Motor Protection	Voltage Cut-off for Servo Motor at Input Under / Over Volts		
Comm Options	Optional IoT Based – Alarms & Events (incl last event recovery even in case of any fire accidents)		
Environment	Temp : 0 to 45 deg C suitable for Indoor Tropical use 90 % RH		
Construction	Enclosure to IP 21 (std) Optional upto IP 55. BS EN 5490		

With more than 2 decades experience of the Team, FeeFo Brings new innovations to the prevailing electro-mechanical products, with new advantages :

- Faster Voltage Correction
 - More Compact (in size)
 - More Heat Resistant
 - More Efficient
 - Lower Capital Cost
 - Lower Maintenance Cost
- and with a slew of new products featuring all the above.

We use (patent pending) technologies to offer 'VALUE FOR MONEY' products & services.

FEEFO's Team had been involved in 1,000's of installations across India, and abroad. Was supplying many of the products to OEM in their earlier venture - before consolidation.

Some of the Key Customers are :

- GE Prolec
- Leitner Shriram
- Regen Powertech
- Consul Consolidated Pvt Ltd
- Delta Power & Electronics
- Eaton Power & Quality
- Emerson Network Power Ltd
- Bharti Airtel Ltd
- Tata Solar
- CPRI
- Kalpakkam Atomic Power

