

M'GUARD

Servo Stabiliser

- IS 9815 Compliance
- Analog / Digital Auto-Scrolling Display indicating all parameters
Viz Line, Phase Voltages & Load Current

Salient Features

- Electronic Over Load Shutdown (optional)
- Available in Single, Two & Three Phase
- Unbalanced Line & Load Regulation
- Compact Design
- Noise free operation due to Nylon Gears
- No Distortion in waveform
- SCVS with Non Standard I/P & O/P Voltages available
- Auto / Manual operation with O/P Voltage
- Raise & Lower Push Buttons
- Separate Load on / Load off Push button



Applications

- CNC / NC Machines
- Computers, Engineering, Work Stations (CAD / CAM / CAE)
- Telecom Equipment
- Medical Engineering Equipment
- All Types of Lab instruments
- Power generating stations
- Many More Critical / Non Critical Applications



Technical Specifications



Air Cooled Servo

Capacity	Single Phase 0.5 to 30	Three Phase 1.5 to 1000	Unit KVA
Input	175-270	340-465	Volts AC
Frequency	47 - 52		Hz
Output	230	415	Volts AC
O/P Regulation	±1		%
O/P Voltage Adjust	± 10 Volt of O/P Voltage		Volts
Tripping Levels	± 15% Volt of set O/P Voltage		%
Rate of Correction	70V		V / Sec
Metering	Analog / Digital Voltmeters Ammeter		
Operating Temp	0-50		°C
Humidity	95		%
Efficiency	> 98		%

Strengths

- Auto load ON/Off with delay (optional)
- Miniature pot to set O/P Voltage
- Fully Solid State & Single PCB design
- Full Protection Control
- User Friendly Front Panel indicating I/P & O/P Voltage Status
- AC-Synchronous motor Coupled with Variac to facilitate High rate of Voltage Correction
- Silent operation, Construction convenient for easy serviceability
- Proper ventilation with instrument cooling fan & louvers
- Cable entry through proper gland plate
- Castor-wheels to facilitate easy transportation
- Service network covering all major cities

Ratings

1 Ph KVA	3 Ph KVA	AMPS
0.5	2.5	2.2
1.0	3.0	4.4
1.5	4.5	8.6
2.0	6.0	8.8
2.5	7.5	10.0
3.0	9.0	13.0
4.0	12.0	18.4
5.0	15.0	22.0
6.0	18.0	22.0
7.5	22.5	33.0
10.0	30.0	44.0
12.0	36.0	52.8
15.0	45.0	66.0
20.0	60.0	83.0
25.0	75.0	104.0
30.0	90.0	135.0
33.00	100.0	137.2*
-	125.0	170.0*
-	150.0	208.0*
-	200.0	322.0*
-	300.0	416.0*
-	400.0	554.0*
-	500.0	691.0*

* Oil Cooled

Protections

- Under / Over Voltage
- Over current trip, MCB / MCCB
- Surge Suppression
- No-Effect of variation in I/P Supply, or load P.F. on O/P Voltage setting



Oil Cooled Servo