



VOLTA POWERLINK PRIVATE LIMITED
An ISO 9001:2000 Certified Company
(Formerly MAKSON ENGINEERS)

Empowering your Business

Servo Controlled Voltage Stabiliser



ISO 9001:2000 CERTIFIED PRODUCT



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SERVO CONTROLLED VOLTAGE STABILISER

Salient Features

- Uses solid state control circuits, no relays, no warm-up time, for high reliability.
- High Correction Speed.
- Quick response time 10 milli sec (half a cycle).
- Excellent regulation as high as $\pm 1\%$.
- Professional grade ICs and components are used for high reliability.
- Introduces zero wave-form distortion.
- Unaffected -by load power factor.
- Ruggedised construction.
- Very high efficiency above 95%.
- Very low No Load losses.

Applications

- CNC Machines
- Bio Medical / Scientific Equipments
- Printing / Textile Machineries
- Large Computer Installations
- Telecommunication Equipments
- Cell Phone Networks

Optional Accessories in Three Phase

- Output under / over voltage
- Digital voltmeter / ammeter
- Frequency meter
- MCB / MCCB for output
- Dimmer protection arrangement
- Phase reversal protection
- Digital Panel Meter

Technical Specifications

- Capacity : 1 KVA to 1000 kVA
- Input Voltage : 170-270 VAC Single Phase (or as per requirement)
360-460 VAC Three Phase (or as per requirement)
- Operating Frequency : 47 - 53 Hz.
- Output Voltage Adjustable : 220 - 240VAC in Single Phase
380 - 415VAC in Three Phase
- Output Voltage Regulation : $\pm 1\%$
- Waveform Distortion : Nil
- Output Waveform : True Reproduction of Input
- Ambient Temperature : 0° C to 45° C
- Relative Humidity : 90% Rh Max. Non condensing at 35° C
- Mode of system : Fully automatic / manual
- System Construction : Air Cooled / Oil Cooled
- Protections : Low voltage protection
High voltage protection
Overload protection with MCB / MCCB
Short Circuit protection
Single Phasing preventer
- Panel Controls : Input / Output select switch
Auto / Manual select switch
Increase / decrease switch to control the output voltage in manual mode
- Panel Indications : Input - On Output - On
Input - Low Input - High Trip
- Panel Meters : Voltmeter with Selector Switch to read Input / Output Voltages
Ammeter with Selector Switch
(From 15 KVA 3 Phase onwards)

MANUFACTURED BY:

VOLTA POWERLINK PRIVATE LIMITED

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