Nantech Power Systems Private Limited…

Single Phase Servo Voltage Stabilizer...

Ultimate Power Solution

Features:

Micro Controller DSP Based Control Systems

Higher Response Time

Cut-off Protection with time delay

True RMS Voltage Sensing & Correction

Established in the year 1996, our organization, 'Nantech Power Systems Pvt Ltd' is counted amongst the responsible manufacturers and suppliers of Online UPS, Line Interactive UPS, Inverters, Servo Stabilizers, Power Factor Controllers , Harmonic Filters and Constant Voltage Transformer.

The advanced line of electrical equipment's that we offer is used extensively in both commercial as well as domestic sectors. Clients recognize our products for their enhanced performance, high efficiency and long maintenance-free servicing life.

Servo Voltage Stabilizer:

Our Single Phase Servo Stabilizers are used to protect the sensitive equipment from voltage fluctuations caused due to switching ON/Off of heavy machinery, load distribution on the transformers, etc.

Our Stabilizer uses a Microcontroller (DSP) control system to provide a steady voltage and also protects the machinery from under/over voltage, overload, single phasing and phase reversal conditions.

These stabilizers are used for various kinds of machinery like CNC, Textile, CT Scans, Printing, Packaging, Freezers, Textile, Garment, Packaging, Medical, Analytical, UPS (bypass), Printing, CNC machines , Lifts, Centralized AC, Telecom (GSM towers), Petrol Bunks, Residential, Food processing, Offices/Commercial Complexes etc.

Standard kVA Ratings	**1kVA – 20kVA**
Type of Stabilizer	**Single Phase Stabilizer**
Type of Design	**Servo Stabilizer with O/P sensing feed-back system**
Servo Motor Type	**Opto Coupler based Triac drive**
Servo Motor Drive	**A.C. Synchronous Stepper Motor**
Input Frequency	**47 - 53 Hz**
Output Voltage	**230 ; Adjustable 220 V OR 240 V(L - L)**
Output Voltage Regulation	**± 1 %**
Control Design	**Microcontroller (Digital Signal Processor) based system**
Voltage Sensing & Correction	**True RMS Sensing & Correction**
Waveform Distortion	**Output Waveform same as Input Waveform**
Correction speed	**30 V/ Sec**
Under / Over Voltage Cut Off	**Upper Limit +5%, Lower Limit -10% of O/P nominal Voltage**
Short Circuit	**HRC Fuse at Input (OR) MCB (OR) MCCB**
Over Load	**Operative above 110% of rated output current**
Reset	**Auto restart / Manual restart (User Settable)**
Emergency Manual Bypass	**Optional**
Efficiency	**≥ 98%**
Display Type	**Analog Meter to read Input / Output**
Parameters Displayed	**I/P & O/P Voltage L-L, L-N, Hz, Current R-Y-B (all Phases)**
Front Panel User Interface	**MENU, UP/DOWN KEY, ENTER/SET KEY**
Front Panel Indications	**LED Indication for – Input Present, Output Normal**
Ambient Temperature	**0 to 50° C**

Nantech Power Systems Private Limited

17A, Second Cross Street, Sastha Nagar,
Valasaravakkam, Chennai – 600 087.
Phone: 044- 24861994/24862247.
Email us: sales@nantech.in
Visit us: www.nantech.in