

SabkaBharosa



OPTO Marketing Company Pvt. Ltd.

INDUSTRIAL SERVO CONTROLLED VOLTAGE STABILIZER 3 Phase Micro Controller Based Operation



"MICRO CONTROLLER BASED PANEL"

The Story of Erratic Voltage

Voltage is generally low during daytime and high during night hours. This results in the following among many other disadvantages:

- Motors draw high current at high or low voltage causing burnouts.
- At higher voltage power consumption of electrical equipments increases reducing life and efficiency.
- CNC or other Automated machines produce defective parts and hence affect production efficiency.
- Nuisance tripping of relays and contactors takes place.
- Testing equipment likely to give inaccurate data.

Servo Voltage Stabilizer Principle:

Opto Industrial Servo Voltage Stabilizers are used to get stable output voltage irrespective of the supply voltage fluctuations. The Stabilizer utilizes motor driven variable auto transformer and buck boost transformer that are connected between the incoming power supply and load to produce a fixed output voltage



SALIENT FEATURES

- Compact design
- Performs efficiently despite wide variation of input voltage
- Air cooled or oil cooled
- Available in various input and output voltage ranges as per customer requirement

OPTIONAL PROTECTIONS

- Overload trip
- Over/under voltage trip
- Single phasing preventer
- Phase reversal trip
- Surge & spike suppressor

APPLICATIONS

- CNC machines
- Process control systems
- Industrial equipment
- Motors
- Medical instruments
- Scientific instruments
- Offset printing machine
- Cold storage
- Petrol pump

INDUSTRIAL SERVO CONTROLLED VOLTAGE STABILIZER

ABOUT US :

Opto Marketing Company Pvt. Ltd. is one of the leading manufacturers for Servo Controlled Voltage Stabilizer and is providing solutions for erratic supply voltage & power quality problems in Eastern India for the last 35 years.

MANUFACTURING :

The products are manufactured and tested at the factories located in Kolkata following strict quality assurance systems to provide our customers ultimate satisfaction. The factories are equipped with modern machineries & testing equipments and manned by quality engineers & trained work force.

MODEL	CAPACITY	INPUT RANGE	OUTPUT RANGE
1S1-0.5	0.5 KVA	170-270V	230±1%
1S1-1	1 KVA	170-270V	-DO-
1S3-1	1KVA	130-270V	-DO-
1S1-2	2KVA	170-270V	-DO-
1S3-2	2KVA	130-270V	-DO-
1S1-5	5KVA	170-270V	-DO-
1S3-5	5KVA	130-270V	-DO-
1S3-8	8KVA	130-270V	-DO-
1S1-10	10KVA	170-270V	-DO-
1S2-10	10KVA	150-270V	-DO-
3S-10	10KVA	300-440V	400±1%
3S-15	15KVA	300-440V	-DO-
3S-30	30KVA	300-440V	-DO-
3S-45	45KVA	300-440V	-DO-
3S-75	75KVA	300-440V	-DO-
3S-100	100KVA	300-440V	-DO-
3S-150	150KVA	300-440V	-DO-
3S-200	200KVA	300-440V	-DO-
3S-300	300KVA	300-440V	-DO-
3S-400	400KVA	300-440V	-DO-
3S-500	500KVA	300-440V	-DO-
3S-750	750KVA	300-440V	-DO-
3S-1000	1000KVA	300-440V	-DO-

FEATURES OF THE MICRO-CONTROLLER BASED SYSTEM

- Output voltage regulation can be digitally adjusted (1V to 20V phase to neutral individually in each phase).
- The under voltage cutout can be adjusted to 170V to 219V phase to neutral.
- The over voltage cutout can be adjusted to 241V to 285 phase to neutral.
- The time lapse before any of the above trips occur can be adjusted from 1 sec. to 999 secs. (OFF TRIP).
- The time interval for the supply to be restored after the faults are corrected can be adjusted from 1 Sec. to 999 Secs. (ON-TRIP).
- The overload tripping current can be adjusted.

Available in Various capacities and Input/Output Voltage Ranges as per requirement

the best **VOLTAGE GUARD**



OPTO Marketing Company Pvt. Ltd.

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Authorised Dealer :

TOLL FREE NO.


18001235499

PRODUCTS

Voltage Stabiliser
(Industrial & Domestic)

Transformers
(CVT, V-Connect, Isolation)

SMPS based
Battery Charger & DC-DC Converters

 Liebert UPS

Electronics Timer