



An ISO 9001:2015 Certified Company



PRODUCT CATALOGUE

Sen Pandit Stabilizer, an ISO 9001: 2015 Certified Company is the most prominent name in the industry for presenting quality approved Electronic Power Equipments. We are manufacturer, supplier, wholesaler and trader of power electronic products. Sen Pandit Stabilizer was established at Kolkata in West Bengal, India. We have professional expertise backed by years of industrial experience in this sector. We provide premium quality of Power Electronics, Protection and Back-up systems like transformers, servo stabilizers, relay stabilizers, battery chargers batteries, inverters & more.

Our steadfast endeavors are made in a direction to keep ourselves updated with technological advancements.



Mob: +91 - 90380 68866

Email: info@senpanditstabilizer.com

Website: www.senpanditstabilizer.com

SEN PANDIT STABILIZER

Address: 110C Near Lichu Bagan Math, Dum Dum Cant. Kolkata - 700028 (INDIA)



AUTOMATIC RELAY VOLTAGE STABILIZER

MODEL NO	DESCRIPTION	MODEL NO	DESCRIPTION
156	Automatic relay voltage stabilizer with meter cont. current 1.4 AMPS (I/P-130V-280V,O/P 200V-240V+/- 2%)	509	5KVA Automatic relay voltage stabilizer with meter cont. current 22AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)
159	Automatic relay voltage stabilizer with meter cont. current 1.4AMPS (I/P-90V280V,O/P 200V-240V+/- 2%)	706CT	7.5KVA Automatic relay voltage stabilizer with meter cont. current 32AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)
106	1KVA Automatic relay voltage stabilizer with meter cont. current 4.4AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	709CT	7.5KVAAutomatic relay voltage stabilizer with meter cont. current 32AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)
109	1KVA Automatic relay voltage stabilizer with meter cont. current 4.4AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)	808CT	8KVAAutomatic relay voltage stabilizer with meter cont. current 35AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)
206	2KVA Automatic relay voltage stabilizer with meter cont. current 8 AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	809SPE	8KVAAutomatic relay voltage stabilizer with meter cont. current35AMPS (I/P-90V280V,O/P 200V-240V+/- 2%)
209	2KVA Automatic relay voltage stabilizer with meter cont. current 8 AMPS (I/P-90V280V,O/P 200V-240V+/- 2%)	1010DLX	10KVA Automatic relay voltage stabilizer with meter cont. current 44AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)
306	3KVA Automatic relay voltage stabilizer with meter cont. current 13AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	1019	10KVA Automatic relay voltage stabilizer with meter cont. current 44AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)
309	3KVA Automatic relay voltage stabilizer with meter cont. current 13AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)	1111	11KVA Automatic relay voltage stabilizer with meter cont. current 48AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)
406	4KVA Automatic relay voltage stabilizer with meter cont. current 16AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	1119	11KVA Automatic relay voltage stabilizer with meter cont. current 48AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)
409	4KVA Automatic relay voltage stabilizer with meter cont. current 16AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)	1212	12KVA Automatic relay voltage stabilizer with meter cont. current 52AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)
506	5KVA Automatic relay voltage stabilizer with meter cont. current 19AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	1219	12KVA Automatic relay voltage stabilizer with meter cont. current 52AMPS (I/P90V-280V,O/P 200V-240V+/- 2%)
506DLX	5KVA Automatic relay voltage stabilizer with meter cont. current 22AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	1515	15KVA Automatic relay voltage stabilizer with meter cont. current 66AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)
506CT	5KVA Automatic relay voltage stabilizer with meter cont. current 19AMPS (I/P130V-280V,O/P 200V-240V+/- 2%)	3 Phase Relay Stabilizer are also Available	

DIGITAL AUTOMATIC RELAY VOLTAGE STABILIZER



Model No.	Capacity	In Put Voltage	Out Put $\pm 2\%$ Voltage	Continues Current(Amp)	Description
56 DL	500VA	130V – 280V	200V – 240V	1.8	H/L CUT + TIMER
59 DL	500VA	90V – 280V	200V – 240V	1.8	H/L CUT + TIMER
106 DL	1 KVA	130V – 280V	200V – 240V	4.5	H/L CUT + TIMER
109 DL	1 KVA	90V – 280V	200V – 240V	4.5	H/L CUT + TIMER
206 DL	2 KVA	130V – 280V	200V – 240V	6.0	H/L CUT + TIMER
209 DL	2 KVA	90V – 280V	200V – 240V	6.0	H/L CUT + TIMER
306 DL	3 KVA	130V – 280V	200V – 240V	8.5	H/L CUT + TIMER
309 DL	3 KVA	90V – 280V	200V – 240V	8.5	H/L CUT + TIMER
406A DL	4 KVA	130V – 280V	200V – 240V	12	H/L CUT + TIMER
406 DL	4 KVA	130V – 280V	200V – 240V	12	H/L CUT + TIMER
409A DL	4 KVA	90V – 280V	200V – 240V	12	H/L CUT + TIMER
409 DL	4 KVA	90V – 280V	200V – 240V	12	H/L CUT + TIMER
502 DL	5 KVA	160V – 280V	200V – 240V	14	H/L CUT + TIMER
506A DL	5 KVA	130V – 280V	200V – 240V	14	H/L CUT + TIMER
506 DL	5 KVA	130V – 280V	200V – 240V	14	H/L CUT + TIMER
509A DL	5 KVA	90V – 280V	200V – 240V	14	H/L CUT + TIMER
509 DL	5 KVA	90V – 280V	200V – 240V	14	H/L CUT + TIMER
508 DL	5 KVA	130V – 280V	200V – 240V	19	H/L CUT + TIMER
509 DLXDL	5 KVA	90V – 280V	200V – 240V	19	H/L CUT + TIMER
509 SpDL	5 KVA	90V – 280V	200V – 240V	22	H/L CUT + TIMER
706 DL	7 KVA	130V – 280V	200V – 240V	32	H/L CUT + TIMER
1106 DL	10 KVA	130V – 280V	200V – 240V	46	H/L CUT + TIMER

WALL HANGING AUTOMATIC RELAY VOLTAGE STABILIZER

Model No.	Capacity	In Put Voltage	Out Put $\pm 2\%$ Voltage	Continues Current(Amp)	Description
DL - 5	5 KVA	130V – 280V	200V – 240V	18	H/L CUT + TIMER
DL - 59	5 KVA	90V – 280V	200V – 240V	18	H/L CUT + TIMER



QUASI SINEWAVE INVERTER

SINEWAVE INVERTER

Model No.	Capacity	In Put Voltage	Out Put $\pm 5\%$ Voltage
BI-300	200W	12 V DC	220V
BI-600	500W	12 V DC	220V
BI-800	640W	12 V DC	220V
BI-1400	1400W	24 V DC	220V

Model No.	Capacity	In Put Voltage	Out Put $\pm 5\%$ Voltage
BI-800sw	600W	12 V DC	220V
BI-1400sw	1000W	24 V DC	220V
BI-3000sw	3000W	48 V DC	220V
BI-5000sw	5000W	96 V DC	220V

CONSTANT VOLTAGE TRANSFORMER (C.V.T)



Model No.	Capacity	In Put Voltage	Out Put $\pm 5\%$ Voltage
500VA	500VA	160V – 270V	220V
500VA	500VA	130V – 270V	220V
750VA	750VA	160V – 270V	220V
750VA	750VA	130V – 270V	220V
1KVA	1KVA	160V – 270V	220V
1KVA	1KVA	130V – 270V	220V
2KVA	2KVA	160V – 270V	220V

Model No.	Capacity	In Put Voltage	Out Put $\pm 5\%$ Voltage
2KVA	2KVA	130V – 270V	230V
3KVA	3KVA	160V – 270V	230V
3KVA	3KVA	130V – 270V	230V
4KVA	4KVA	160V – 270V	230V
4KVA	4KVA	130V – 270V	230V
5KVA	5KVA	160V – 270V	230V
5KVA	5KVA	130V – 270V	230V

SERVO CONTROLLED VOLTAGE STABILIZER SINGLE PHASE



Model No.	Capacity	In Put Voltage	Out Put \pm 1% Voltage
PSV52	500VA	170V – 270V	230V
PSV56	500VA	130V – 270V	230V
PSV59	500VA	90V – 270V	230V
PSV110	1 KVA	170V – 270V	230V
PSV160	1 KVA	130V – 270V	230V
PSV190	1 KVA	90V – 270V	230V
PSV210	2 KVA	170V – 270V	230V
PSV260	2 KVA	130V – 270V	230V
PSV290	2 KVA	90V – 270V	230V
PSV310	3 KVA	170V – 270V	230V
PSV360	3 KVA	130V – 270V	230V
PSV390	3 KVA	90V – 270V	230V
PSV410	4 KVA	170V – 270V	230V
PSV460	4 KVA	130V – 270V	230V
PSV490	4 KVA	90V – 270V	230V
PSV510	5 KVA	170V – 270V	230V
PSV560	5 KVA	130V – 270V	230V
PSV590	5 KVA	90V – 270V	230V
PSV710	7.5 KVA	170V – 270V	230V
PSV760	7.5 KVA	130V – 270V	230V
PSV790	7.5 KVA	90V – 270V	230V
PSV1010	10 KVA	170V – 270V	230V
PSV1060	10 KVA	130V – 270V	230V
PSV1090	10 KVA	90V – 270V	230V

SERVO CONTROLLED VOLTAGE STABILIZER THREE PHASE

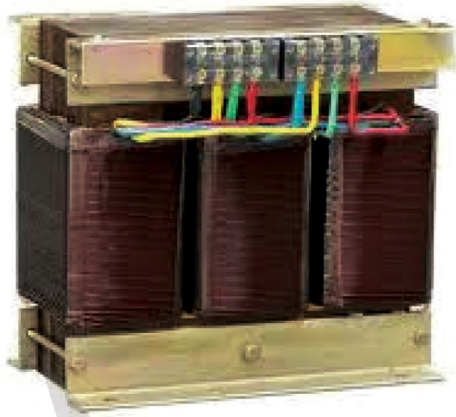


Model No.	Capacity	In Put Voltage	Out Put \pm 1% Voltage
PSV310	3 KVA	295V – 468V	398V
PSV360	3 KVA	225V – 468V	398V
PSV390	3 KVA	170V – 468V	398V
PSV3610	6 KVA	295V – 468V	398V
PSV3660	6 KVA	225V – 468V	398V
PSV3690	6 KVA	170V – 468V	398V
PSV3910	9 KVA	295V – 468V	398V
PSV3960	9 KVA	225V – 468V	398V
PSV3990	9 KVA	170V – 468V	398V
PSV3210	12 KVA	295V – 468V	398V
PSV3260	12 KVA	225V – 468V	398V
PSV3290	12 KVA	170V – 468V	398V
PSV3510	15 KVA	295V – 468V	398V
PSV3560	15 KVA	225V – 468V	398V
PSV3590	15 KVA	170V – 468V	398V
PSV3310	30 KVA	295V – 468V	398V
PSV3360	30 KVA	225V – 468V	398V
PSV3390	30 KVA	170V – 468V	398V
PSV3410	40 KVA	295V – 468V	398V
PSV3460	40 KVA	225V – 468V	398V
PSV3490	40 KVA	170V – 468V	398V
PSV35510	50 KVA	295V – 468V	398V
PSV35560	50 KVA	225V – 468V	398V
PSV35590	50 KVA	170V – 468V	398V

SERVO CONTROLLED VOLTAGE STABILIZER THREE PHASE



Model No.	Capacity	In Put Voltage	Out Put $\pm 1\%$ Voltage
PSV7570	75 KVA	295V – 468V	398V
PSV7525	75 KVA	225V – 468V	398V
PSV7590	75 KVA	170V – 468V	398V
PSV10070	100 KVA	295V – 468V	398V
PSV10025	100 KVA	225V – 468V	398V
PSV10090	100 KVA	170V – 468V	398V
PSV12070	120 KVA	295V – 468V	398V
PSV12025	120 KVA	225V – 468V	398V
PSV12090	120 KVA	170V – 468V	398V
PSV15070	150 KVA	295V – 468V	398V
PSV15025	150 KVA	225V – 468V	398V
PSV15090	150 KVA	170V – 468V	398V
PSV20070	200 KVA	295V – 468V	398V
PSV20025	200 KVA	225V – 468V	398V
PSV20090	200 KVA	170V – 468V	398V
PSV30070	300 KVA	295V – 468V	398V
PSV30025	300 KVA	225V – 468V	398V
PSV30090	300 KVA	170V – 468V	398V
PSV40070	400 KVA	295V – 468V	398V
PSV40025	400 KVA	225V – 468V	398V
PSV40090	400 KVA	170V – 468V	398V
PSV50070	500 KVA	295V – 468V	398V
PSV50025	500 KVA	225V – 468V	398V
PSV50090	500 KVA	170V – 468V	398V



ISOLATION TRANSFORMER

Model No.	Capacity & Category	In Put Voltage	Out Put $\pm 1\%$ Voltage
500 VA	500 VA CAT "A"	230 V	230 V
500 VA	500 VA CAT "B"	230 V	230 V
750 VA	500 VA CAT "A"	230 V	230 V
750 VA	500 VA CAT "B"	230 V	230 V
1 KVA	500 VA CAT "A"	230 V	230 V
1 KVA	500 VA CAT "B"	230 V	230 V
2 KVA	500 VA CAT "A"	230 V	230 V
2 KVA	500 VA CAT "B"	230 V	230 V
3 KVA	500 VA CAT "A"	230 V	230 V
3 KVA	500 VA CAT "B"	230 V	230 V
4 KVA	500 VA CAT "A"	230 V	230 V
4 KVA	500 VA CAT "B"	230 V	230 V
5 KVA	500 VA CAT "A"	230 V	230 V
5 KVA	500 VA CAT "B"	230 V	230 V

SERVO CONTROLLED VOLTAGE STABILIZER



OIL COOLED SERVO

SPECIFICATIONS

SEN PANDIT STABILIZER series of Servo-motor Controlled Voltage Stabilizers meet the requirements of Precision Voltage Control for applications which need AC supply voltage within close tolerance. This unit has a capacity of Lower & Higher KVA at Unity Power Factor and is designed to work over a different input range in which it gives a stable output voltage of $400V \pm 0.5\%$ (Selectable 220V-240V, perphase).



AIR COOLED SERVO

SPECIAL FEATURES

- INPUT FREQUENCY** : 48 - 52 Hz
- SPEED OF CORRECTION** : 25V/sec/Ph
- EFFICIENCY** : 95% or better at full load.
- EFFECT OF LOAD** : Nil
- PROTECTION** :
 - A. MCB for overload trip. (Optional in case of Oil Cool)
 - B. Electronic sensing circuit for prolonged HIGH/LOW voltage condition at the output.
 - C. Auxiliary Relay & Timer Circuit.
- INDICATIONS & OUTPUT TRIP** :
 - A. LED for power on.
 - B. For Input LOW/HIGH voltage condition.
 - C. Output Overload. (Optional in case of Oil Cool)
 - D. Output voltage HIGH/LOW condition remaining for more than 5 sec.
- MODE OF OPERATION** : AUTO/ MANUA

FRONT PANEL INDICATIONS

- CONTROL** : In AUTO mode, the unit operates automatically, but if the unit is unresponsive in AUTO mode, the MANUAL control can be utilized which controls the motor movements in both forward and reverse directions manually by increase/ decrease momentary contact toggle.
- PILOT** : This indicates that the unit is ON through LED lamp.
- VOLTMETER** : This is sensitive and precisely calibrated meter to monitor the load voltage continuously by input/ output selector switch
- SET VOLTAGE** : The output voltage can be adjusted anywhere between 220V to 240V while in AUTO operation with corresponding change in input condition
- INDICATIONS** : Indicates the Under and Over range conditions of the supply voltage. An electronic indication operates instantaneously when the unit is subjected to voltage outside its specific range.
- CIRCUIT BRAKER** : This is a miniature magnetic circuit braker, which automatically trips off the unit and load from the mains supply. It however does not respond to high starting currents of inductive load. (OPTIONAL IN CASE OF OIL COOL).

ELECTRONIC CONTROLLER

There are PCBs with all industrial grade components for each phase; Card consists of power supply, level detector, sensing circuits & overvoltage & under-voltage circuits.(optional).

FEATURES (3-PHASE UNIT)

Three single-phase units are connected in star connection, individual sensing and connection for each phase to monitor unbalanced input. voltage and output load.

- A. Constant output ($\pm 0.5\%$) in each phase with unbalanced supply and unbalanced load.
- B. Voltmeter to monitor any phase to neutral voltage. (both input and output).
- C. Automatic cut-out by an AC Contactor in case of:
 - a. Single Phasing.
 - B. Under or Over voltage range in any phase.
 - C. Overloading in any phase

MAINTENANCE

We do not recommend any trouble shooting of this unit by any person who is not trained in our factory. However, periodic maintenance is essential.

- A. Keep the stabilizer clean from dust and direct moisture. No components require any periodic oiling or lubrication.
- B. Carbon Brush of the Dimmerstat may get worn out after prolonged use. In case of worn out, it should be replaced by procuring it from the market.
- C. Clean the contacts occasionally.
- D. Do not unnecessarily overload the unit
- E. Ensure proper earthing.