

# Static voltage stabilizer-SVS

## 2-50kVA (1/1), 10-3200kVA (3/3)

Voltage stabilizer



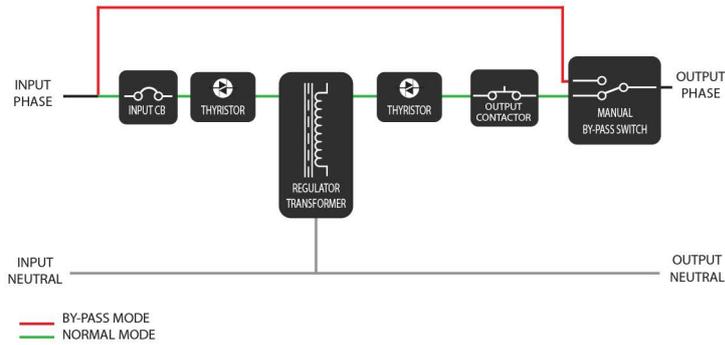
### Specifications

- 2kVA - 3200kVA with single phase and three phase outputs
- All industrial voltage value (208-380-400-415-480-600V)
- Wide input voltage range -65% / +45%
- Maintenance-free new technology with Microprocessor controller
- High speed regulation (Up to 500V/sec.)
- High Efficiency (97%)
- CPU controlled thyristor units for power management
- Protection against over load, over temperature, high voltage, low voltage etc.
- Manual by-pass
- For industrial environments like very dusty conditions, humidity and vibration
- Maintenance free design
- Minimal size, long life
- User friendly, easy and comprehensive LCD Display and mimic diagram
- Parallel connection for special high power applications
- Self test facility

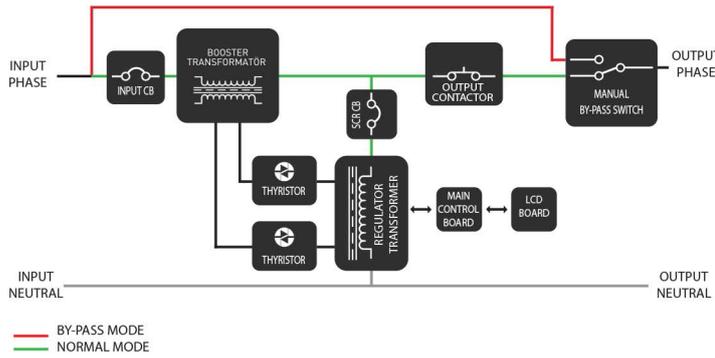
### Applications



# SVS 2-50kVA Single Phase, 10-120kVA Three Phase

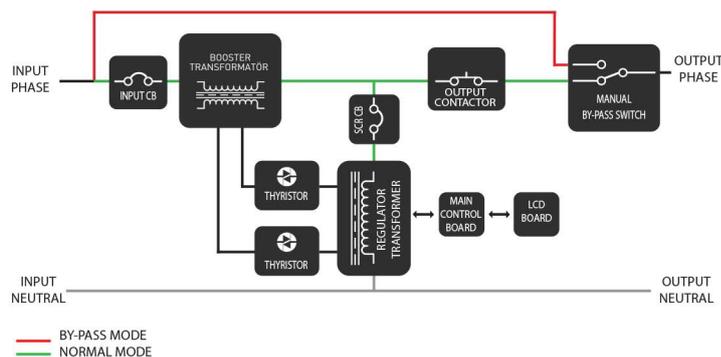


Power (kVA)	2	3	5	7,5	10	15	20	30	40	50	10	15	23	30	45	60	75	100	120			
Power range	0,8																					
<b>Input</b>																						
Voltage	220V/230V AC Single Phase+Neutral										380V/400V AC Three Phase+Neutral											
Voltage tolerance	-15/-25/-35/-50%, +15%																					
Frequency	50Hz +/-5% (optional 60Hz)																					
Input connection	Copper busbar terminal										Screwed terminal											
<b>Output</b>																						
Voltage	220V/230V AC Single Phase+Neutral										380V/400V AC Three Phase+Neutral											
Voltage tolerance	+/-3/2/1/0,5%																					
Frequency	50Hz +/-5% (optional 60Hz)																					
Current (A)	8	11	19	28	37	55	73	110	145	182	13	19	28	37	55	73	91	122	145			
Overload capacity	101%-125% 3 min, 126%-150% 10 sec, 151% load 0,2 sec. after then output shut-off																					
Response time	20 msec																					
Correction speed	500V/sec																					
Efficiency	> 97% typical																					
Output connection	Copper busbar terminal										Screwed terminal											
LCD display	Input voltage value, output voltage value, output load percent/each phase, output frequency, stabilizer condition and failure Info, warnings																					
Communication	Remote management system (network), the ability of monitoring and management (optional)																					
<b>Protection</b>																						
Input voltage	Stabilizer shut off electronically under / over voltage																					
Output voltage	Stabilizer shut off electronically under / over voltage																					
Input current	MCB					MCCB					MCB					MCCB						
Output current	MCB					MCCB					MCB					MCCB						
Output overload	Stabilizer shut off, 101-125% 3 min, 126-150% 10 sec, 151% load 0,2sec, after then output shut-off																					
Over temperature	Stabilizer shut off for over-temperature																					
Manual By-pass switch	(I-0-II) position manual By-Pass switch for failure and maintenance																					
Surge arrester	Suitable surge arrester unit for lightning and high voltage (optional)																					
<b>Environment</b>																						
Operating temperature	-10°C to +40°C																					
Altitude	< 3000m																					
Humidity	90% without condensing																					
Acoustic noise	< 45dB					< 50dB					< 55dB											
<b>Specification</b>																						
Type	Indoor																					
Protection class	IP21																					
Color	RAL7035																					
Base	Wheel/ plinth																					
Cooling	Air forced fans																					
Dimensions (WxDxH)cm	20x41x37			27x45x46				31x52x52			33x76x76			33x76x76			50x70x130			60x80x150		
Weight (kg)	23	25	30	35	40	45	85	100	140	160	100	115	125	140	150	200	240	280	350			



	SVS150	SVS200	SVS250	SVS300	SVS400
Power (kVA)	150	200	250	300	400
Power range	0,8				
<b>Input</b>					
Voltage	380V/400V AC Three Phase + Neutral				
Voltage tolerance	-15/-25/-35/-50%, +15%				
Frequency	50Hz +/-5% (optional 60Hz)				
Input connection	Screwed terminal				
<b>Output</b>					
Voltage	380V/400V AC Three Phase + Neutral				
Voltage tolerance	+/-3/2/1/0,5%				
Frequency	50Hz +/-5% (optional 60Hz)				
Current (A)	182	245	300	365	485
Overload capacity	101%-125% 3 min. 126%-150% 10 sec. 151% load 0,2 sec. after then output shut-off				
Response time	20 msec				
Correction speed	500V/sec				
Efficiency	> 97% typical				
Output connection	Screwed terminal				
LCD display	Input voltage value, output voltage value, output load percent/each phase, output frequency, stabilizer condition and failure Info, warnings				
Communication	Remote management system (network), the ability of monitoring and management (optional)				
<b>Protection</b>					
Input voltage	Stabilizer shut off electronically under / over voltage				
Output voltage	Stabilizer shut off electronically under / over voltage				
Input current	MCCB				
Output current	MCCB				
Output overload	Stabilizer shut off, 101-125% 3 min, 126-150% 10 sec, 151% load 0,2sec, after then output shut-off				
Over temperature	Stabilizer shut off for over-temperature				
Manual By-pass switch	(I-O-II) position manual By-Pass switch for failure and maintenance				
Surge arrester	Suitable surge arrester unit for lightning and high voltage (optional)				
<b>Environment</b>					
Operating temperature	-10°C to +40°C				
Altitude	< 3000m				
Humidity	90% without condensing				
Acoustic noise	< 60dB				
<b>Specification</b>					
Type	Indoor				
Protection class	IP21				
Color	RAL7035				
Base	Wheel/ plinth				
Cooling	Air forced fans				
Dimensions (WxDxH) cm	80x90x140		80x90x160		90x100x160
Weight (kg)	500	600	700	800	1000

# SVS 500-3200kVA Three Phase



Voltage stabilizer

	SVS500	SVS600	SVS700	SVS800	SVS900	SVS1000	SVS1250	SVS1600	SVS2000	SVS2500	SVS3200	
Power (kVA)	500	600	700	800	900	1000	1250	1600	2000	2500	3200	
Power range	0,8											
<b>Input</b>												
Voltage	380V/400V AC Three Phase + Neutral											
Voltage tolerance	-15/-25/-35/-50%, +15%											
Frequency	50Hz +/-5% (optional 60Hz)											
Input connection	Screwed terminal											
<b>Output</b>												
Voltage	380V/400V AC Three Phase + Neutral											
Voltage tolerance	+/-3/2/1/0,5%											
Frequency	50Hz +/-5% (optional 60Hz)											
Current (A)	610	730	850	970	1100	1220	1500	1950	2540	3050	3050	
Overload capacity	101%-125% 3 min. 126%-150% 10 sec. 151% load 0,2 sec. after then output shut-off											
Response time	20 msec											
Correction speed	500V/sec											
Efficiency	> 97% typical											
Output connection	Screwed terminal											
LCD display	Input voltage value, output voltage value, output load percent/each phase, output frequency, stabilizer condition and failure info, warnings											
Communication	Remote management system (network), the ability of monitoring and management (optional)											
<b>Protection</b>												
Input voltage	Stabilizer shut off electronically under / over voltage											
Output voltage	Stabilizer shut off electronically under / over voltage											
Input current	MCCB with motor											
Output current	Motorized MCCB (optional)											
Output overload	Stabilizer shut off, 101-125% 3 min, 126-150% 10 sec, 151% load 0,2sec, after then output shut-off											
Over temperature	Stabilizer shut off for over-temperature											
Manual By-pass switch	(I-0-II) position manual By-Pass switch for failure and maintenance											
Surge arrester	Suitable surge arrester unit for lightning and high voltage (optional)											
<b>Environment</b>												
Operating temperature	-10°C to +40°C											
Altitude	< 3000m											
Humidity	90% without condensing											
Acoustic noise	< 60dB					< 65dB						
<b>Specification</b>												
Type	Indoor											
Protection class	IP21											
Color	RAL7035											
Base	Wheel/ plinth											
Cooling	Air forced fans											
Dimensions (WxDxH) cm	90x120x170			240x80x170			250x100x170		290x125x170	300x125x220	330x125x220	
Weight (kg)	1100	1300	1500	1900	2100	2300	2700	3100	3500	4000	5000	