

## AS-SRG Series



### Static Voltage Stabilizers Technical Specifications

7,5-2000 kVA 1 Phase Input - 1 Phase Output / 3 Phase Input - 3 Phase Output

MODEL	1075	1015	1030	3030	3060	3100	3250	3500	31000	31500	32000	
Power (kVA)*	7,5	15	30	30	360	100	250	500	1000	1500	2000	
INPUT												
Voltage	220 Vac (230/240 Optional) (1P+N+GND)				380 Vac (400/415 Vac Optional) (3 P+N+GND)							
Voltage Tolerance	175-260 Vac			300-450 Vac								
Frequency	50 Hz											
Frequency Tolerance	±5%											
Current (A)	45	90	180	60	120	100	475	950	1900	2850	3800	
OUTPUT												
Voltage	220 Vac (1Phase+N+GND)				380 Vac (3Phase+N+GND)							
Voltage Tolerance	± %2			± 2%				± 3%				
Correction Speed	5000 V/sn.											
Frequency	50 Hz ± %5											
Current (A)	35	68	135	45	90	150	380	750	1500	2250	3000	
Efficiency (100% load)	>97%											
THDv	<3%											
LCD CONTROL PANEL												
Type	2x16 / 4x20 Alpha Numeric LCD Panel											
Measurement	Input, Output and Status Information											
Warnings	High Input, Low Input, " error"											
PROTECTIONS												
Output Voltage	Low : 180 V Adjustable High : 240 V Adjustable (P-N)											
Over Load	20 ms for %500 ; 1 min. for %150											
Thyristor Error	System do not work											
Over Temperature	Exceed 70 °C of Heat Sink temp.											
Noise Filter	EMI/RFI Filter											
Bypass	Manuel (Automatic Optional)											
ENVIRONMENTAL												
Operating Temp.	-15 ~ +45 °C											
Humidity	% 0 °C - 90 °C (Non Condensing)											
Cooling	Fan											
Protection Class	IP20											
Acoustic Noise	<55 dBA											
PHYSICAL												
Dimensions (WxDxH) cm.	27x47x48	27x47x48	40x47x70	40x80x70	70x70x110	70x70x120	140x70x135	180x95x160	240x100x210	270x110x210	270x110x210	
Weight (kg)	25	55	95	90	125	185	900	1900	2900	3650	4000	
STANDARDS												
Standards	EN50091-1/EN62040-1(LVD) EN50091-2/EN62040-2 (EMC)											

\*10, 20, 30, 45, 60, 75, 90, 120, 150, 180, 200, 250, 300, 400, 500, 600, 800, 1000, 1250, 1600, 2000, 3000 kVA models are available.



#### STATIC VOLTAGE STABILIZERS

AS-SRG Series Automatic Voltage Regulator is a static voltage regulator and do not Include any moving parts. Voltage regulation is realized by microprocessor control via digital technology within milliseconds. It has not any corroding part where as servo regulator have these parts. MADRA Series protects itself and your critical loads at low/high voltage levels. There are RFI and EMI filters at all power levels. AS POWER Static Voltage Regulators are used at Industrial machines, Radio and TV transmitters GSM Base stations, Communication Systems, Hospitals, Studios, etc.

#### FEATURES

- Digital Microprocessor Control
- 20 ms Response Time
- Zero Transfer Time
- Low/High Voltage Protection,
- Over Temp. Protection
- EMI/RFI Filter
- LCD Panel

## AS-RG Series



### Servo Voltage Stabilizers Technical Specifications

1-2100 kVA 1 Phase Input / 1 Phase Output - 3 Phase Input / 3 Phase Output

MODEL (See Below Table)	1 PHASE	3 PHASE
Power Range	1-1000 kVA	3-3000 kVA
Input Voltage Range	150-250 Vac*	275-450 Vac*
Min. Input Range (Optional)	120-230 Vac	210-400 Vac
Output Voltage	220 Vac (Optional 230-240Vac)	380 Vac (Optional 400-415 Vac)
Output Voltage Tolerance	± 2%	
Frequency	50 Hz (On Request 60 Hz)	
Correction Speed	150 V/sn.	
Control Method	Microprocessor Controlled	
Display	Input / Output Voltage and currents	
Efficiency	> %95	
Conductor Type	Aluminium (On Request Copper)	
High Voltage Protection	Optional	
Phase Protection Unit	Optional	
Over Temperature Protection	Optional	
Over Current Protection	Optional	
Short Circuit Protection Unit	Optional	
Operating Temperature	-10... +40°C	
Storage Temperature	-25... +60°C	
Altitude	<3000 m.	
Protection Class	IP 20 (21,22,31,44,31,44,54 Optional)	
Acoustic Noise	<60 dBA (from 1 m.)	
Standards	TS EN 61000, EN 55011:2009, EN 1558-1	

\* Other Voltage ranges can be manufactured per request

SINGLE PHASE MODELS		THREE PHASE MODELS			
MODEL NO	POWER	MODEL NO	POWER	MODEL NO	POWER
1001	1 kVA	30003	3 kVA	30250	250 kVA
1002	2 kVA	30006	6 kVA	30300	300 kVA
1004	3,5 kVA	30010	10,5 kVA	30400	400 kVA
1005	5 kVA	30015	15 kVA	30500	500 kVA
1008	7,5 kVA	30023	22,5 kVA	30600	600 kVA
1010	10 kVA	30030	30 kVA	30800	800 kVA
1015	15 kVA	30045	45 kVA	31000	1000 kVA
1020	20 kVA	30060	60 kVA	31200	1200 kVA
1025	25 kVA	30075	75 kVA	31600	1600 kVA
1030	30 kVA	30100	100 kVA	32000	2000 kVA
1040	40 kVA	30150	150 kVA	32500	2500 kVA
1050	50 kVA	30200	200 kVA	33250	3250 kVA

### GENERAL SPECIFICATIONS

- Wide power range from 1kVA to 3000kVA
- Provides stable voltage to your critical loads like as industrial and military devices, CNC machine tools, elevators, medical system etc.
- Excellent Voltage Regulation.
- AS-RG Series stabilizers quickly pay itself with his long-lasting and maintenance free structure.
- High speed correction by PWM control technology.