



# SRV-MAK Series Voltage Stabilizer

30kVA - 200kVA | Three-phase

**MAK**   
POWER SYSTEMS  
[www.mak-powersis.de](http://www.mak-powersis.de)

- Microprocessor Control
- User Friendly
- High Safety

## TECHNOLOGY

- High efficiency
- Steady operation
- Maximum sensibility

## RELIABLE

- Wide input voltage tolerances
- Automatic Activation
- Short circuit, lightning and over voltage protection
- Overload protection

## USER FRIENDLY

- Reduced weight/volume/footprint
- Failure / warning / situation indicator with light
- Graphic LCD panel
- Multilanguage option
- Advanced data and event record
- 128 real time event log
- intelligent fan control
- Fan backup
- Bypass switch (standard)
- Protection unit (standart)
- 10 years spare part warranty
- 7/24 technical support and customer service

## STANDARDS

- CE, ISO 9001:2008, ISO 14001, GOST





# Technical Specification

## THREE - PHASE SERVO VOLTAGE STABILIZER TECHNICAL SPECIFICATIONS

Power (kVA)		30	45	60	75	100	120	150	200		
VOLTAGE	Input Voltage	380/400/415V, 3-faz + N									
	Input Voltage Tolerances	Normal	280-440V (Phase-Phase)								
		Wide (Opt.)	255-425V (Phase-Phase) or 200-425V (Phase-Phase)								
	Frequency	50/60Hz									
	Output Voltage	380/400/415V (Phase-Phase)									
	Output Voltage Tolerances	Adjustable between $\pm 1\%$ and $\pm 5\%$ - 92V/ Sec									
Velocity of Regulation (V/sn)		80				40					
OVERLOAD CAPACITY	$\leq 110\%$	30 min.									
	$\leq 130\%$	10 min.									
	$\leq 150\%$	1 min.									
GENERAL	Protection	Overload, General Failure									
	Output Protection Contactor	Optional ( Output / Voltage / Current / Overload / 3-faz + N)									
	Control	Microprocessor									
	Graphic LCD Panel	Standard									
	Indicators With Light	Input, Output, Overload, General Failure									
	Measurements	True RMS Input Voltage, True RMS Output Voltage, True RMS Output Current, Frequency, Load percentage									
	Efficiency	$\geq 97\%$									
	Cooling	Fan backup									
Bypass Switch	Standard										
ENVIRONMENT	Operating Temperature	0°C - 40°C									
	Storage Temperature	-10°C - +40°C									
	Relative Humidity	0-90 % (without condensation)									
	Altitude	$\leq 2000$ m									
	Noise level (dB (A))	< 50									
PHYSICAL SPECIFICATION	Dimensions (mm)	Width	730	730	730	730	750	750	750	1250	
		Depth	630	650	700	700	750	750	850	750	
		Height	1220	1220	1300	1300	1500	1500	1500	1500	
	Degree of Protection	IP20									
Color	RAL7012										
OTHER	Please contact with us for your requirements at the different power.										
	Design can be made according to customer for input voltage range.										
LIFE TIME	10 YEARS										

Reserve the right of changing information in this without report.