

# Servo Voltage Stabilizer

6-30 kVA | Single-phase

30-600 kVA | Three-phase

- 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



## SINGLE - PHASE SERVO VOLTAGE STABILIZER TECHNICAL SPECIFICATIONS

		6	10	15	20	30
VOLTAGE	Power (kVA)					
	Input Voltage	220V, 1-faz + N				
	Input Voltage Tolerances	150-255V				
	Input Voltage Tolerances	Normal				
	Input Voltage Tolerances	Wide (Opt.)				
	Frequency	50/60Hz				
	Output Voltage	220V				
Output Voltage Tolerances	Adjustable between $\pm 1\%$ and $\pm 5\%$					
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				
	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	$\geq 95\%$				
	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 (W x D x H) (mm)	450x350x300	560x380x300	600x440x320	550x550x770	600x600x780
	Degree of Protection	IP20				
	Color	RAL7012				

## THREE - PHASE SERVO VOLTAGE STABILIZER TECHNICAL SPECIFICATIONS

		30	45	60	75	100	120	150	200	250	300	400	500	600	
VOLTAGE	Power (kVA)														
	Input Voltage	380/400/415V, 3-faz + N													
	Input Voltage Tolerances	260-440V (Phase-Phase)													
	Input Voltage Tolerances	Normal													
	Input Voltage Tolerances	Wide (Opt.)													
	Frequency	50/60Hz													
	Output Voltage	380/400/415V (Phase-Phase)													
Output Voltage Tolerances	Adjustable between $\pm 1\%$ and $\pm 5\%$														
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													
	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	1500	1500	1530	1700	1800
		Depth	630	650	700	700	750	750	850	750	750	750	730	850	900
		Height	1220	1220	1300	1300	1500	1500	1500	1500	1500	1500	1500	2025	2025
	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	