

SVR

SERIES

6-2000 kVA

3:3
PHASE

1-50 kVA

1:1
PHASE

SERVO VOLTAGE STABILIZER



INDUSTRY



TRANSPORT



MEDICAL



TOWER



POWER FACTOR



SERVICE

IP20, IP21, IP31, IP44, IP54,
Versions Available

- + Non-Linear Charges Drive
- + Wide Power and Voltage Interval
- + Fast Regulation
- + High Reliability Thanks to Microprocessor and Smart Driver
- + High Efficiency
- + Load Transfer to Bypass Via Pole Charge Switch
- + Safe and Economic Usage
- + Digitally Displayed Status, Input & Output Measurements



+ Servo Drive Structure, Microcontroller Controlled Heavy Duty Devices which Regulates Mains Voltage for Critical Loads



MODEL (3:3 Phase)																																				
Capacity (kVA)		6	10,5	15	22,5	30	45	60	75	100	120	150	200	250	300	400	500	600	800	1000	1250	1600	2000													
DIMENSIONS & WEIGHT																																				
Cabinet Dimensions (mm)	Width	400					560					620					1500					1810					1850					610				
	Depth	650					950					1000					700					1100					1810					2890				
	Height	1135					1385					1700					1610					1820					1820					2080				
Net Weight (Kg)		65	120	135	154	183	237	330	356	456	545	565	1050	1150	1250	1500	2000	2500	2750	3500	3750	4500	5500													
MODEL (1:1 Phase)																																				
Capacity (kVA)		1	2	3,5	5	7,5	10	15	20	25	30	40	50																							
DIMENSIONS & WEIGHT																																				
Cabinet Dimensions (mm)	Width	470					510					450																								
	Depth	375					375					800																								
	Height	270					270					400																								
Net Weight (Kg)		15	20	29	40	47	55	75	90	110	130	165	185																							
INPUT																																				
In. Vol. Correction Interval		1:1 Phase: 160~260 VAC • 3:3 Phase: 275~450 VAC (Standard), 215~415 VAC (Optional)																																		
Operation Frequency		47~65 Hz																																		
Line Input Protection		Overcurrent, Low and High Voltage Protection (Optional)																																		
OUTPUT																																				
Output Voltage		1:1 Phase: 220 VAC RMS ±2% • 3:3 Phase: 380 VAC RMS ±1%																																		
Overloading		10sec 200% Load, 20sec 100% Load																																		
Correction Speed		~90 Volt/sec																																		
Upturn Period		~90 Volt/sec (160 VAC~250 VAC)																																		
Output Protection		Short Circuit - Overcurrent Protection, Overvoltage Protection (Optional)																																		
WORKING PRINCIPLE																																				
		Servo Motor, Microprocessor Controlled, Full Automatic																																		
GENERAL																																				
Cooling		Smart Fan System																																		
Measured Value Monitor		MSR Panel Voltmeter (74x74mm) Output Voltage and Line Voltage Monitorization																																		
Total Efficiency		1:1 Faz: >97% • 3:3 Faz: >97%																																		
Mechanical Bypass		"Manually Controlled Line-PAKO SWITCH Selects Voltage Regulator" Switch Turn On/Off																																		
Protection Level		IP 20																																		
ENVIRONMENTAL																																				
Operating Temperature		-10°C~50°C																																		
Storage Temperature		-25°C~60°C																																		
Relative Humidity		<90%, DIN (40040)																																		
Altitude		<2000m																																		
Noise Level		<50 dB (1 metersquare)																																		
Documents		CE/TÜV Austria Hellas (ISO 9001)																																		

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