

MSR33 Series

SERVO VOLTAGE
STABILIZER
200-3000kVA
Three Phase / Three Phase

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

(P-P) 208-220-230-240
380-400-415-440-460-480-500 Volt
IP20, IP21, IP31, IP44, IP54,
Versions Available



- Regulates Mains Voltage and Brings Many Advantages
- Non-Linear Charges Drive
- 3 Phase Input 3 Phase Output
- Wide Power and Voltage Interval
- Fast Regulation
- High Reliability Thanks to Microprocessor and Smart Driver
- High Efficiency
- Load Transfer to Bypass Via Pole Charge Wwitch
- Safe and Economic Usage
- Overcurrent and Overload Protection (Optional)
- Digitally Displayed Status, Input & Output Measurements
- 2 Years Warranty
- 10 Years Spare Parts Support

200kVA • 250kVA • 300kVA • 400kVA • 500kVA • 600kVA • 800kVA • 1000kVA • 1250kVA • 1600kVA • 2000kVA • 2500kVA • 3000kVA

MODEL													
Capacity	200kVA	250kVA	300kVA	400kVA	500kVA	600kVA	800kVA	1000kVA	1250kVA	1600kVA	2000kVA	2500kVA	3000kVA
INPUT													
In. Vol. Correct. Interval	275~450VAC (Standard) 215~415VAC (Optional)												
In. Vol. Working. Interval	155~490VAC												
Operation Frequency	47~65Hz												
Line Input Protection	Overcurrent, Low and High Voltage Protection												
OUTPUT													
Output Voltage	380VAC RMS $\pm 1\%$												
Overloading	10Sec. 200% Load												
Correction Speed	~90Vlt/Sec.												
Upturn Period	~90Vlt/Sec (160VAC~250VAC).												
Output Protection	Protects Load by Opening the Circuit When Overburden, Short Circuit Occurs												
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 Harmonic Distortion	-												
Total Efficiency	>97%												
Mechanical Bypass	"Manually Controlled Line-PAKO SWITCH Selects Voltage Regulator" Switch Turn On/Off												
Protection Level	IP 21												
ENVIRONMENTAL													
Working Temperature	-10°C~50°C												
Storage Temperature	-25°C~60°C												
Relative Humidity	<90%, DIN (40040)												
Working Altitude	<2000m												
Acoustic Level	<50dB (1metersquare)												
Documents	CE/TÜV Austria Hellas (ISO 9001)												
OTHERS													
Dimension WxDxH (mm)	600 x 700 x 1720 (3 Pieces)			600 x 1170 x 1700 (3 Pieces)			700 x 800 x 1850 (6 Pieces)			800 x 1000 x 1950 (6 Pieces)		1400x1000x1750	1400x1000x2050
Weight (kg)	1050	1150	1250	1500	2000	2500	2750	3500	3750	4500	5500	7000	8500

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