

MST11 Series

STATIC VOLTAGE
STABILIZER
1-50kVA
Single Phase / Single Phase

Complete Electronical Voltage
Regulators Which Contain
No Any Moving Piece Inside



- 5000 Volt / Second
- RISC Microprocessor Control,
- Excellent Dynamic, Static Regulation,
- Large Input Voltage Working Range, 130-270VAC
- Electronic Protection Against Overload and Short Circuit,
- 220VAC / 380VAC $\pm 2.5\%$ Regulation,
- Load Level, Output ve Input Display
- Excessive Voltage Protection Up-Down Limits
- Static Stabiliser is Used When the Speed of Operation Represents a Critical Issue (for Example, Computers, Laboratory Equipment, Measuring Benches and Medical Instrumentation).
- The Coltage Stabiliser does not Provide Galvanic Separation Between Input and Output.
- The Equipment is Usually Housed in a Metal Enclosure with RAL7035 Finish and IP21 Protection Degree, Suitably Sized According to the Power Rating
- High Efficiency

10kVA • 15kVA • 20kVA • 25kVA • 30kVA • 40kVA • 50kVA

MODEL							
Capacity	10kVA	15kVA	20kVA	25kVA	30kVA	40kVA	50kVA
INPUT							
In. Vol. Correct. Interval	160~250VAC						
In. Vol. Working. Interval	90~285VAC						
Operation Frequency	47~65Hz						
Line Input Protection	Overcurrent Thermic Fuse and Sudden Overburden Protection						
OUTPUT							
Output Voltage	220VAC RMS ±3%						
Overloading	10Sec. 200% Load 500% Load 20ms						
Correction Speed	~5000Volt/Sec.						
Upturn Period	20ms						
Output Protection	Short Circuit, Overburden, Overcurrent Electronic Protection, Protects Load Via Opening Control						
WORKING PRINCIPLE							
Microprocessor Controlled, Full Automatic, Static, Semi Conductor Electronic Structure Maintenance Free							
CONTROL PANEL							
Display and Buttons	Display Screen						
Alert Message	Input Low/ Hi, Output Low/ Hi, Over Temperature (Smart Fan System)						
Meas. Value Monitorization	Output Voltage, Network Voltage						
Out. Up. Protect. Limit	Standard						
Out. Sup. Protect. Limit	Standard						
Regulation Voltage	Standard						
GENERAL							
Total Efficiency	>97% (Full Load)						
Mechanical Bypass	"Manually Controlled Line-PAKO SWITCH Selects Voltage Regulator" Switch Turn On/Off						
Protection Level	IP21						
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 W×D×H (mm)	400 x 320 x 600		500 x 850 x 500			700 x 850 x 500	
Weight (kg)	35	50	65	70	85	95	100

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