

# GPMST11 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 Voltage Stabiliser does not Provide Galvanic Separation 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

Static Voltage Stabilizer  
**GPMST11 Series**  
 Single Phase / Single Phase  
 10-50kVA

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 $\pm$ 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