

GPMST1100 Series

VOLTAGE
STABILIZER
1 - 50kVA
Single Phase / Single Phase

Complete Electronical Voltage
Regulators Which Contain
No Any Moving Piece Inside



- ◎ SERVO MOTOR
- ◎ 50 Volt / Second
- ◎ 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 vs 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

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Single Phase / Single Phase
10-50kVA

MODEL	GPMST 110010	GPMST 110015	GPMST 110020	GPMST 110025	GPMST 110030	GPMST 110040	GPMST 110050	
Capacity	10kVA	15kVA	20kVA	25kVA	30kVA	40kVA	50kVA	
INPUT								
In. Vol. Correct. Interval	130~250VAC							
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, Semiconductor 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 WxDxH (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	