

GPSTB 11 Series

SERVO VOLTAGE
STABILIZER

1-50 Kva

Single Phase / Single Phase

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



- 1 Phase in / 1 Phase Out (1-50kVA)
- Single Phase Voltage Stabilisers
- Regulate Mains Voltage and Bring Many Advantages
- Non-Linear Charges Drive
- 1 Phase Input 1 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 Change Switch
- Safe and Economic Usage
- Overcurrent and Overload Protection (Optional)
- Digitally Displayed Status, Input & Output Measurements
- 2 Years Warranty
- 10 Years Spare Parts Support

1kVA • 2kVA • 3.5kVA • 5kVA • 7.5kVA • 10kVA • 15kVA • 20kVA • 25kVA • 30kVA • 40kVA • 50kVA

Servo Voltage Stabilizer
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 Single Phase / Single Phase
 1-50kVA

MODEL													
Capacity	1kVA	2kVA	3.5kVA	5kVA	7.5kVA	10kVA	15kVA	20kVA	25kVA	30kVA	40kVA	50kVA	
INPUT													
In. Vol. Correct. Interval	160~260VAC												
In. Vol. Working. Interval	90~285VAC												
Operation Frequency	47~65Hz												
Line Input Protection	Overcurrent, Low and High Voltage Protection												
OUTPUT													
Output Voltage	220VAC RMS \pm 2%												
Overloading	10Sec. 200% Load												
Correction Speed	~90Volt/Sec.												
Upturn Period	~90Volt/Sec (160VAC~250VAC).												
Output Protection	Protects Load by Opening the Circuit When Overburden, Short circuit												
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	>96%												
Mechanical Bypass	"Manually Controlled Line-P AKO SWITCH Selects Voltage Regulator " Switch Turn On/Off												
Protection Level	IP 20 // IP 25												
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)	420x230x230	450x350x270	550x350x270	600x400x320	500x500x85	0	500x700x850						
Weight (kg)	15	16	29	40	47	55	75	125	136	163	180	210	