



## GD Series

### Single Phase Stabilizer Automatic Voltage Regulator Servo Motor Control

This series single phase automatic voltage regulator gives stabilize voltage to your connected load. When the grid voltage is not stable, the sampling circuit send the signal to drive the motor to adjust the position of carbon brush on the toroidal transformer, to adjust the output voltage and give output stable voltage.

#### Technical Specification:

Model	GD-2000VA	GD-3000VA	GD-5000VA	GD-8000VA	GD-10000VA	GD-15000VA	GD-20000VA
<b>Rated Capacity</b>	2kVA/1.6kW	3kVA/2.4kW	5kVA/4kW	8kVA/6.4kW	10kVA/8kW	15kVA/12kW	20kVA/16kW
<b>Input</b>							
Phase	Single Phase						
Voltage	150V~250V / 130V~250V / 100V~270V						
Frequency	50/60HZ						
<b>Output</b>							
Voltage	220~240V ± 2%						
Power factor	0.8						
Frequency	50/60HZ						
<b>Protection</b>							
Under voltage	Yes						
Over voltage	Yes						
Over heat	Yes						
Adjust Time	≤1S(When input voltage change less than 10%)						
Bypass funtion	Optional						
Overload	Yes						
Short circuit	Yes						
<b>Others</b>							
Insulation Resist	≥5MΩ						
Waveform Disto	No waveform distortion						
<b>Efficiency</b>							
AC-AC	98%						
<b>Acoustic</b>							
Noise level	≤50dB						
<b>Condition</b>							
Temperature	-5°C - 45°C						
Humidity	20%~90%						
<b>Others</b>	Correction speed Less than 1 second when voltage fluction is less than 10%						