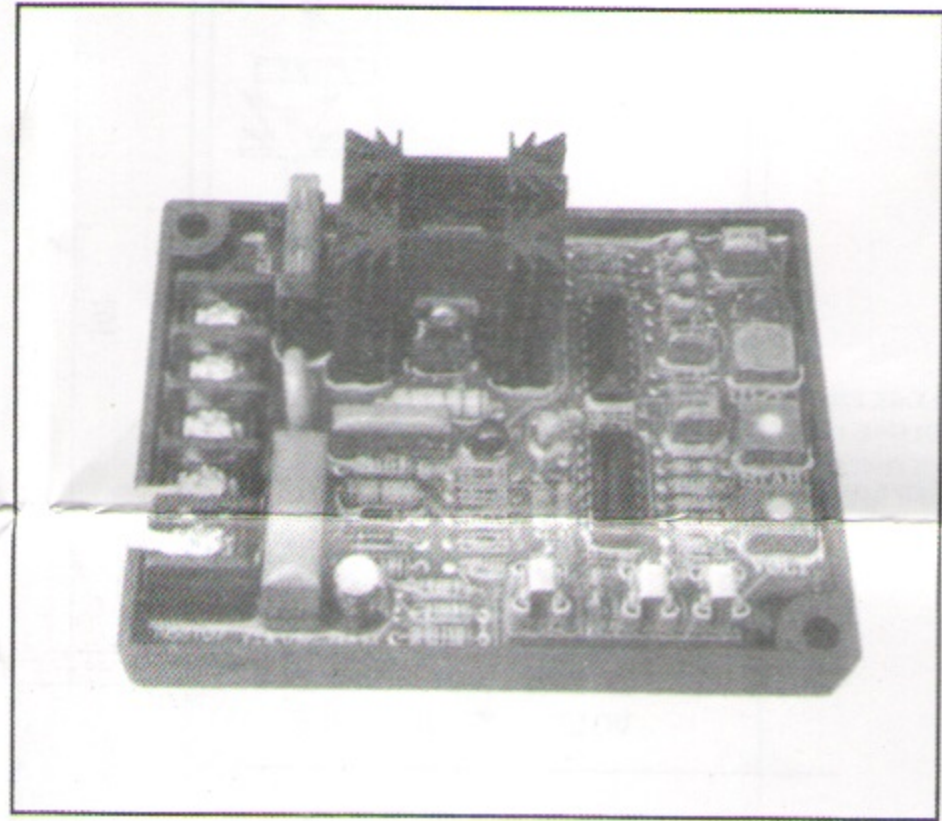


# GAVR-8A

**Universal 8 Amp 1/2 Wave Self Excited  
Dip-Switch Programmable Automatic  
Voltage Regulator**

## Features

- $<\pm 1\%$  Regulation
- 110/220/400 VAC Programmable Input
- Rugged Compact Design
- With Under Frequency Protection
- Soft Start Voltage Ramping
- EMI Suppression
- Built-in High Capacity 8Amp Fuse



## Specifications

<b>Sensing Input Voltage</b>	110/220/400VAC, 1phase2wire	<b>Voltage Build-up</b>	Residual volts at AVR terminal $>5VAC$
<b>Power Input Voltage</b>	100~260VAC, 1phase2wire	<b>External Volts Adjustment</b>	$\pm 7\%$ with 1K $\Omega$ 1watt trimmer
<b>Output</b>	<b>Voltage</b>	<b>Soft Start Ramp Time</b>	2sec.
	<b>Current</b>	<b>Unit Power Dissipation</b>	Max. 8Watt
	Continuous 3A Intermittent 5A for 10SEE.	<b>EMI Suppression</b>	Internal Electromagnetic Interference Filtering
	<b>Resistance</b> Min. 15 $\Omega$ Max. 100 $\Omega$	<b>Thermal Drift</b>	0.03% per $^{\circ}C$ change in AVR ambient
		<b>Under Frequency Protection (Factory Settings)</b>	60Hz system presets knee point at 55Hz 50Hz system presets knee point at 45Hz

**Volts Regulation**  $<\pm 1\%$  (with 4% engine governing)

## Environment

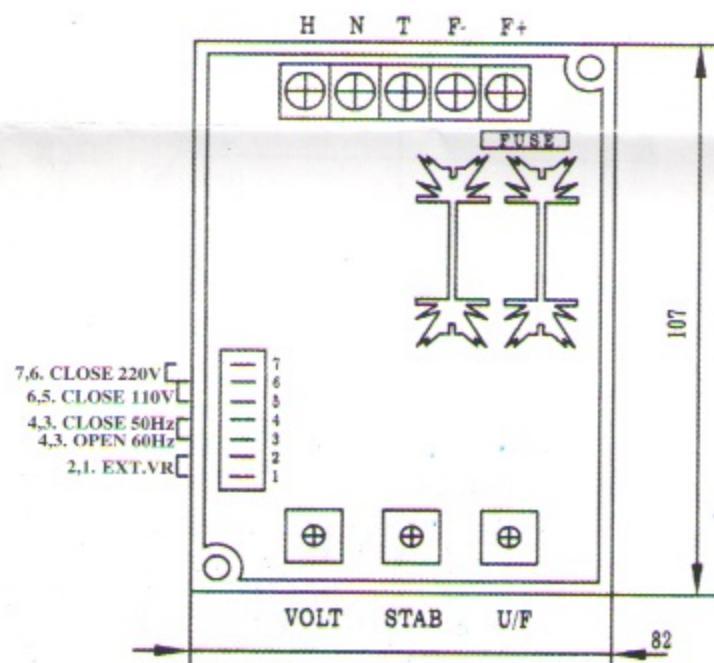
Vibration 3G @ 100~2K Hz

Operating Temperature -40~65  $^{\circ}C$

Relative Humidity  $<95\%$

Storage Temperature -40~85  $^{\circ}C$

## Mechanical Specifications



## AVR Controls

**VolTS** Voltage Adjustment

**STAB** Stability Adjustment

**U/F** TO Set the U/F\* Knee Point

\*U/F: Under Frequency Protection

## Physical Specifications

Dimensions 107.0(L)82.0(W)50.0(H)mm



