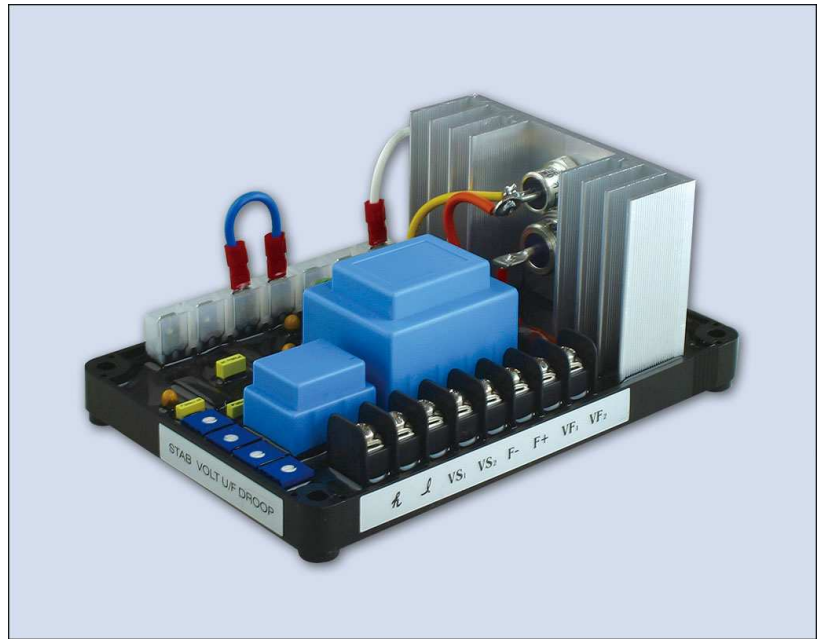


# EA15A

**Universal 15 Amp 1/2 Wave Self Excited  
Can Be Used In Parallel Operation  
Automatic Voltage Regulator**

## Features

- $< \pm 0.5\%$  Regulation
- Senses Input Voltage 220/380/440/480VAC
- Can be used in Parallel Operation
- Simple 50/60 Hz U/F Programming
- Soft Start Voltage Ramping
- With Under Frequency Protection
- Built-in High Breaking Capacity Fuse



## Specifications

<b>Sensing Input</b>	Voltage	220/380/440/480 VAC, 1 phase 2 wire	<b>Voltage Regulation</b>	$< \pm 0.5\%$ (with 4% engine governing)
		Jumper selectable	<b>Voltage Build-up</b>	Residual Volt. at AVR Terminal $> 5$ VAC
	Frequency	50 / 60 Hz, Jumper selectable	<b>External Volts Adjustment</b>	$\pm 15\%$ with 5K ohm 1 Watt trimmer
<b>Power Input</b>	Voltage	100 ~ 300 VAC 1 phase 2 wire	<b>Soft Start Ramp Time</b>	2 sec.
<b>Output</b>	Voltage	Max. 90 VDC @ 240 VAC input	<b>Unit Power Dissipation</b>	Max. 10 Watt
	Current	Continuous 15A	<b>Thermal Drift</b>	0.03% per $^{\circ}\text{C}$ change in AVR ambient
		Intermittent 20A for 10 sec.	<b>Under Frequency Protection</b>	60 Hz system presets knee point at 55 Hz 50 Hz system presets knee point at 45 Hz
	Resistance	Min. 4 $\Omega$ @ 35 Volts Output		

## Environment

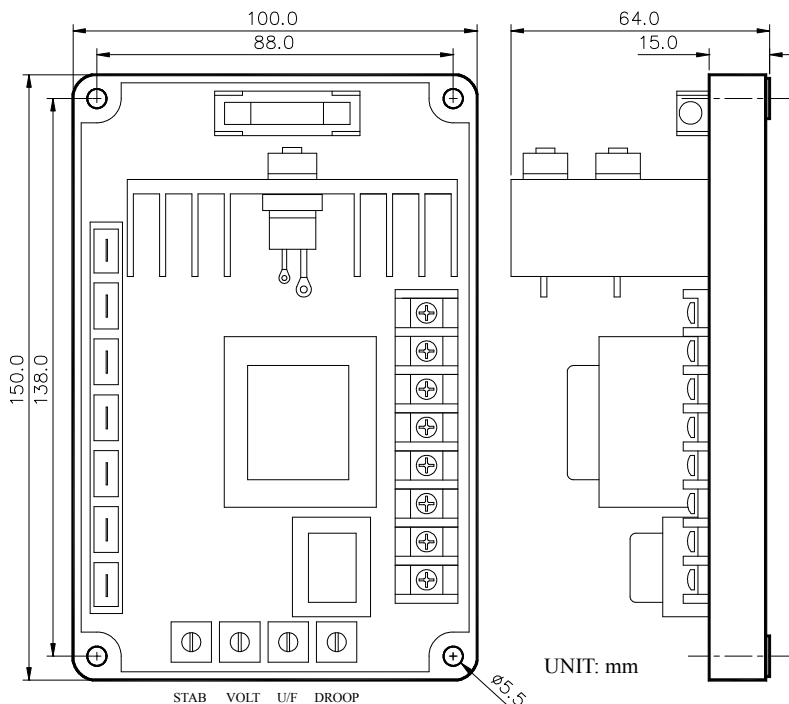
**Vibration** 3.3 G @ 100 ~ 2K Hz

**Relative Humidity**  $< 95\%$

**Operating Temperature**  $-40 \sim 70^{\circ}\text{C}$

**Storage Temperature**  $-40 \sim 85^{\circ}\text{C}$

## Mechanical Specifications



### AVR Controls Function

VOLT	To Adjust Voltage
STAB	To Adjust Stability
U/F	To Set the U/F* Knee Point
DROOP	To Adjust Droop
*U/F: Under Frequency protection.	

### Physical Specifications

Dimensions	150.0 (L) x 100.0 (W) x 64.0 (H) mm
Weight	600 g $\pm 2\%$

Please link to <http://www.kutai.com.tw> for detailed manual