

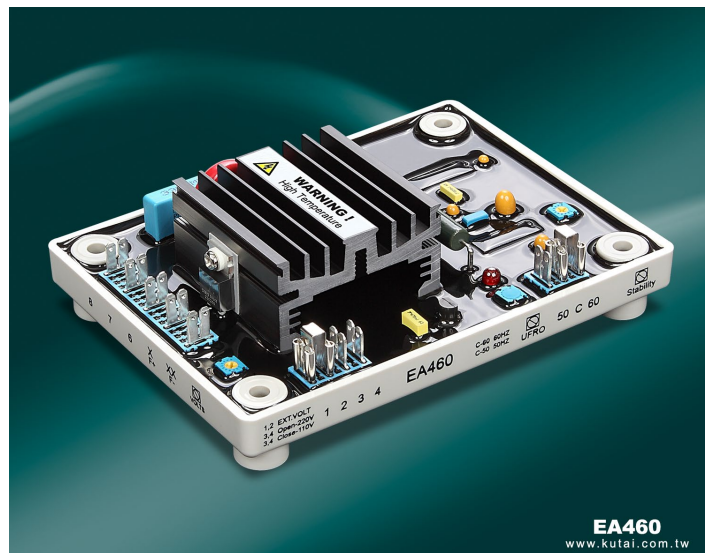
# EA460

## Self Excited Automatic Voltage Regulator 120V or 240V

Compatible with Newage Stamford SX460 regulator

### Features

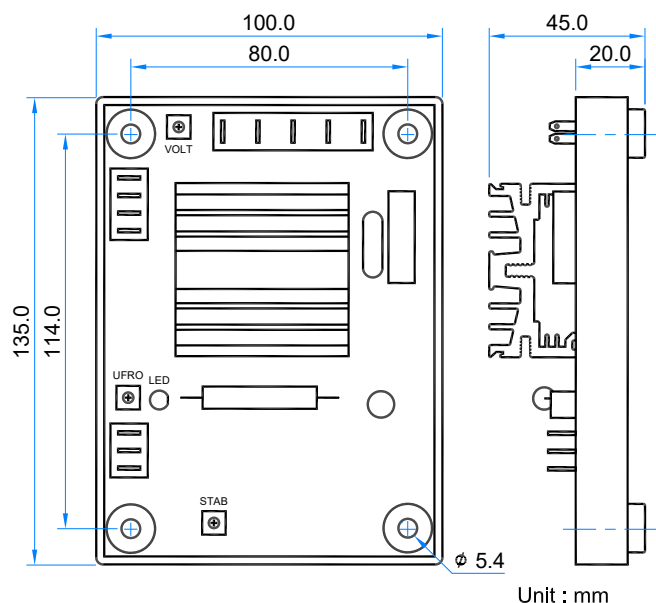
- Voltage regulation less than  $\pm 1.5\%$
- Soft start voltage ramping
- Sensing voltage loss protection
- 120 or 240 Vac sensing, jumper selectable
- Under frequency roll off protection
- With under frequency LED indicator
- Use with KUTAI EP200 Paralleling Module for parallel operation



### Specifications

<b>Sensing Input</b>	Voltage	95 to 132 Vac or 190 to 264 Vac	<b>Volts Regulation</b>	Less than $\pm 1.5\%$ (with 4% engine governing)
	1 phase	jumper selectable	<b>Build Up Voltage</b>	5Vac residual volts at power input terminal
	Frequency	50/60 Hz selectable	<b>Soft Start Ramp Time</b>	2 seconds $\pm 10\%$
<b>Excitation Output</b>	Voltage	Max. 90 Vdc @ power input 207 Vac	<b>Static Power Dissipation</b>	Max. 10 watts
	Current	Continuous 4A Intermittent 6A for 10 seconds	<b>Under Frequency Protection</b>	Set point 95% Hz
	Resistance	Min. 15 ohms		Slope 170% down to 30 Hz
<b>External Voltage Adjustment</b>	Max. $\pm 7\%$ @ 1K ohm 1 watt		<b>Voltage Thermal Drift</b>	Less than 3% at temperature range
	potentiometer			-40 to +70 °C

### Dimensions



### AVR Control Functions

<b>VOLT</b>	Voltage adjustment
<b>STAB</b>	Stability adjustment
<b>UFRO</b>	Setting under frequency protection knee point

### Environment

<b>Operating Temperature</b>	-40 to +70 °C
<b>Storage Temperature</b>	-40 to +85 °C
<b>Relative Humidity</b>	Max. 95%
<b>Vibration</b>	3.3 Gs @ 100 to 2K Hz

### Physical Specifications

<b>Dimensions</b>	135.0 (L) x 100.0 (W) x 45.0 (H) mm
<b>Weight</b>	243 g $\pm 2\%$

\*All manufacturer names and numbers are used for reference purpose only and do not imply that any part is the product of these manufacturer.



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