

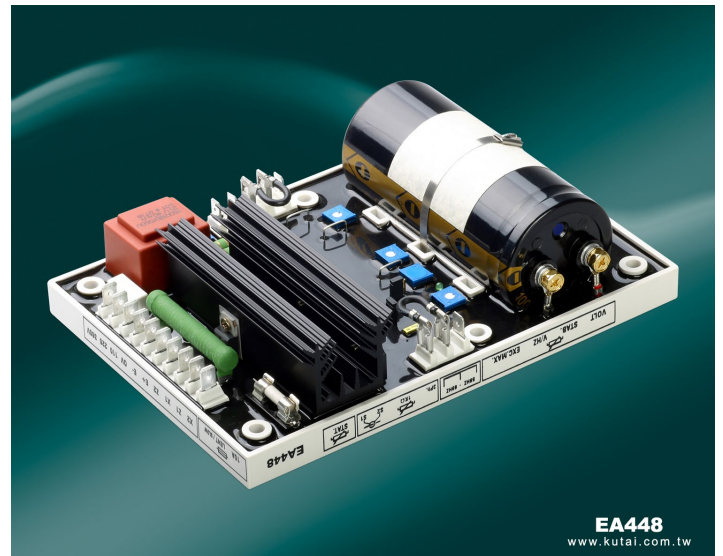
# EA448

## Permanent Magnet Generator or A.R.E.P or Auxiliary Winding Type

Compatible with Leroy Somer R448, R449 and R438 regulators

### Features

- Voltage regulation less than +/-0.5%
- Load acceptance module (LAM)
- 50/60 Hz selectable
- Under frequency & Exc. max protection
- Single phase or three phase voltage sensing optional
- Soft start voltage ramping
- Normal rapid response time (Option)
- Apply with KUTAI IVT-1260/IVT-2460 to exceeds normal generator motor starting capabilities

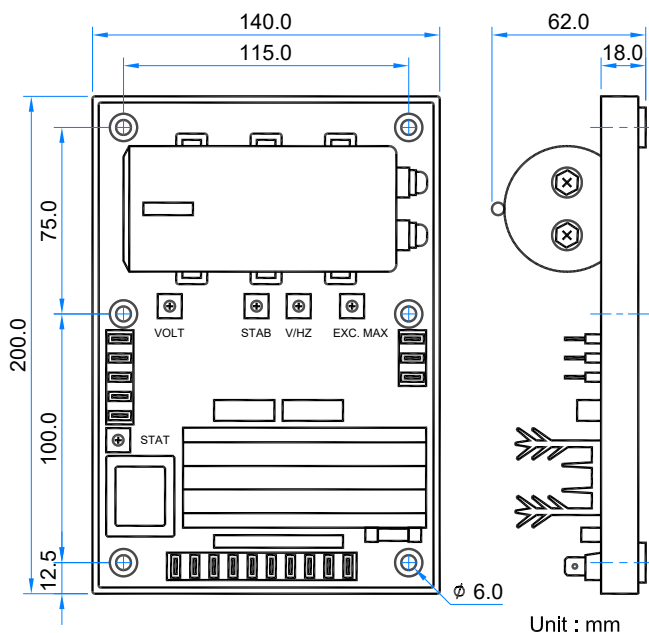


**EA448**  
www.kutai.com.tw

### Specifications

<b>Sensing Input</b>	Terminal	0 to 110 Vac = 95 to 140 Vac	<b>External Volts Adjustment</b>	+/-10% @ 1K ohm 1 watt potentiometer
	Terminal	0 to 220 Vac = 170 to 260 Vac	<b>Voltage Regulation</b>	Less than +/-0.5% (with 4% engine governing)
	Terminal	0 to 380 Vac = 340 to 520 Vac	<b>Build Up Voltage</b>	5Vac residual volts at power input terminal
	Frequency	50/60 Hz selectable	<b>Response Time</b>	0.3 to 1 second @ +/-20% voltage vibration
<b>Power Input</b>	Voltage	40 to 150 Vac 3 phase	<b>Quadrature Droop Input</b>	Max. 7% @ P.F. = 0.7
<b>Excitation Output</b>	Voltage	Max. 160 Vdc @ power input 120 Vac	<b>Auxiliary Winding</b>	6 to 150 Vac (No load rms)
	Current	Max. 10A	<b>LAM Voltage Droop Rate</b>	4.5 to 6.5 V/Hz @ 220 Vac selectable

### Dimensions



### AVR Control Functions

<b>VOLT</b>	Voltage adjustment
<b>STAB</b>	Stability adjustment
<b>V/HZ</b>	UFRO knee point set
<b>EXC.MAX</b>	Excitation current limit
<b>STAT</b>	Droop adjustment

### 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>	1.5 Gs @ 5 to 30 Hz
	5.0 Gs @ 30 to 500 Hz

### Physical Specifications

<b>Dimensions</b>	200.0 (L) x 140.0 (W) x 62.0 (H) mm
<b>Weight</b>	950 g +/-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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