

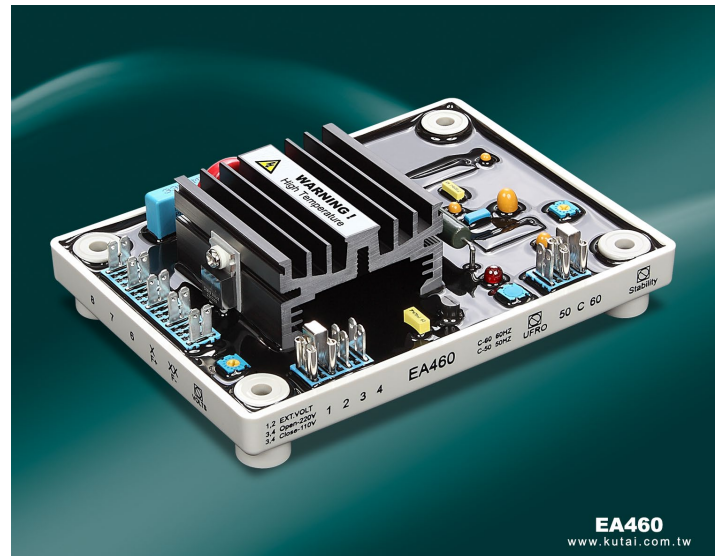
EA460

Self Excited Automatic Voltage Regulator 120V or 240V

Compatible with Newage Stamford SX460 regulator

Features

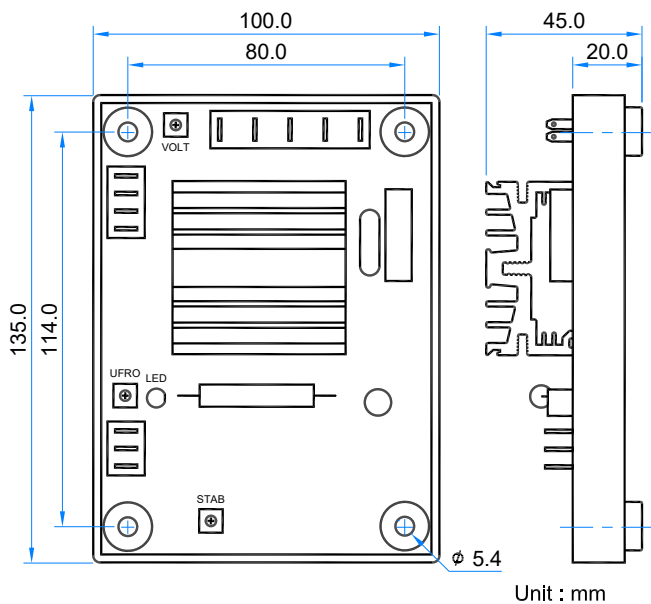
- Voltage regulation less than +/-1.5%
- Soft start voltage ramping
- Sensing voltage loss protection
- 120 or 240 Vac sensing, jumper selectable
- Under frequency roll off protection
- With under frequency LED indicator
- Use with KUTAI EP200 Paralleling Module for parallel operation



Specifications

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

Dimensions



AVR Control Functions

VOLT	Voltage adjustment
STAB	Stability adjustment
UFR0	Setting under frequency protection knee point

Environment

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

Physical Specifications

Dimensions	135.0 (L) x 100.0 (W) x 45.0 (H) mm
Weight	243 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.



KUTAI ELECTRONICS INDUSTRY CO., LTD.
TEL : +886-7-8121771 FAX : +886-7-8121775 Website : www.kutai.com.tw
Headquarters : No.3, Ln. 201, Qianfu St., Qianzhen Dist., Kaohsiung City 80664, Taiwan

