

EA460

Self Excited Automatic Voltage Regulator Compatible with Newage* SX460

Features

- $\pm 1.0\%$ Regulation
- 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 for reference purpose only, not a genuine Newage product



Specifications

Sensing Input	Voltage	120 (95 ~ 132) or 240 (190 ~ 264) 1 phase 2 wire, jumper selectable	Voltage Build-up	Residual volts at AVR terminal > 5 VAC
	Frequency	50 / 60 Hz, jumper selectable	External Volts Adjustment	$\pm 7\%$ with 1K Ω 1 watt trimmer
Output	Voltage	Max. 90 VDC @ 207 VAC input	Unit Power Dissipation	Max. 10 watt
	Current	Continuous 4A Intermittent 10A for 10 sec.	Soft Start Ramp Time	2 sec.
	Resistance	Min. 15 Ω	Thermal Drift	0.05% per $^{\circ}\text{C}$ change in AVR ambient
Voltage Regulation	$< \pm 1.0\%$ (with 4% engine governing)		Under Frequency Protection (UFRO)	Set 95% Hz (Factory Set) Slope 170% down to 30 Hz

Environment

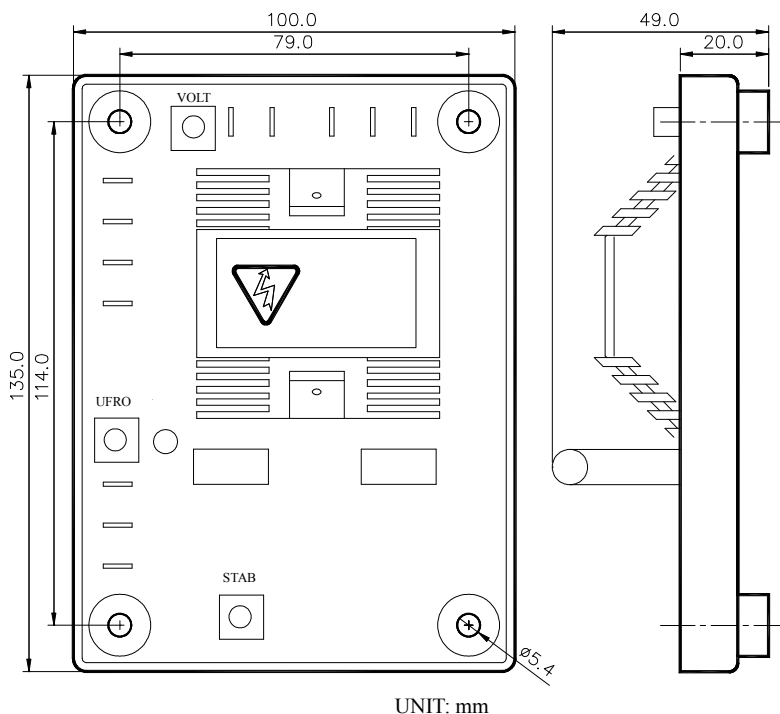
Vibration 3.3G @ 100 ~ 2K Hz

Relative Humidity < 95%

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

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

Mechanical Specifications



AVR Controls	Function
VOLT	Voltage Adjustment
STAB	Stability Adjustment
UFRO	UFRO Knee point Set

Physical Specifications

Dimensions	135.0 (L) x 100.0 (W) x 49.0 (H) mm
Weight	243 g \pm 2%

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