

EA150A

Self Excited Automatic Voltage Regulator 150Amp

Compatible with Carbon Brush Type Generators

Full wave and Half wave version available

Full or Half wave toggle switch selectable

Features

- Voltage regulation less than +/-1%
- 50/60 Hz selectable
- Adjustable voltage, stability & field limit
- Under frequency protection and parallel connection function
- Built-in high breaking capacity protection molded case circuit breaker (MCCB)
- Automatic flash
- AVR is fan cooled internally

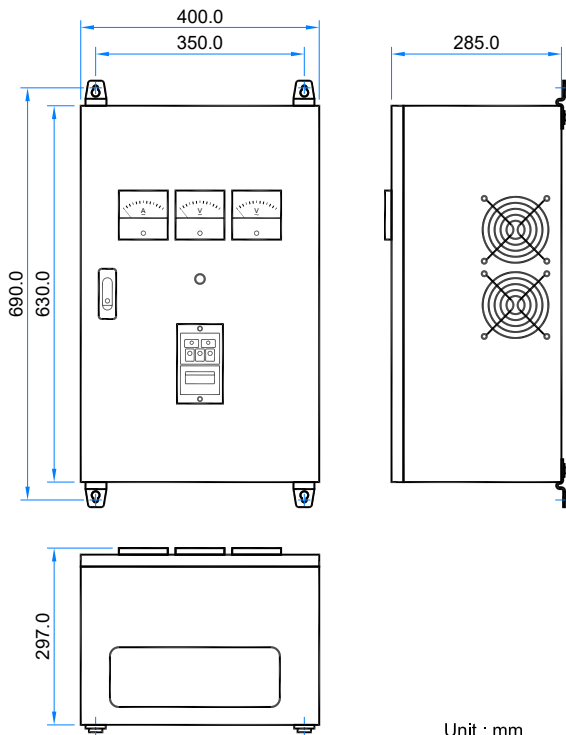


EA150A
www.kutai.com.tw

Specifications

Sensing Input	Voltage	100 to 500 Vac	1 phase 2 wire	Voltage Regulation	Less than +/-1% (with 4% engine governing)
	Frequency	50/60 Hz	selectable	Build Up Voltage	Residual voltage at AVR terminal > 5Vac @ 25Hz
Power Input	Voltage	170 to 265 Vac	1 phase 2 wire	Droop Adjustment	Droop current compensation input 5A 5VA +/-7% @ PF = +/-0.5 (Droop adjusted)
	Frequency	50/60 Hz	selectable	Analogue Input	Analogue voltage input connect to an external DC signal +/-5Vdc 7% adjustable (TRIM adjusted)
Output (at 220 Vac input)	Voltage	Half-wave Max. 90 Vdc		Under Frequency Protection (Factory Presets)	
		Full-wave Max. 180 Vdc			
	Current	Continuous 150A	Intermittent 200A for 10 seconds	Battery Input (24V)	Power input for the flash and alarm
	Resistance	Half-wave Min. 0.9 ohm			50 Hz system presets knee point at 45 Hz
		Full-wave Min. 1.8 ohms			60 Hz system presets knee point at 55 Hz

Dimensions



Environment

Operating Temperature	-40 to +60 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	Max. 95%
Vibration	3.0 Gs @ 100 to 2K Hz

Physical Specifications

Dimensions	630.0 (L) x 400.0 (W) x 285.0 (H) mm
Weight	28 Kg +/-2%

