

EA200A

Self Excited Automatic Voltage Regulator 200Amp

Compatible with Carbon Brush Type Generators

Features

- Full wave and Half wave version available (select by toggle switch)
- Built-in high breaking capacity protection molded case circuit breaker (MCCB)
- Voltage regulation less than +/-1%
- Adjustable for Voltage, Stability and Parallel operation
- Under frequency protection, 50/60 Hz selectable
- Selectable for Automatic / Manual field flashing
- External emergency stop power generation function
- Built-in fan for cooling and heat dissipation
- Over Temperature Alarm / Over Temperature Shutdown

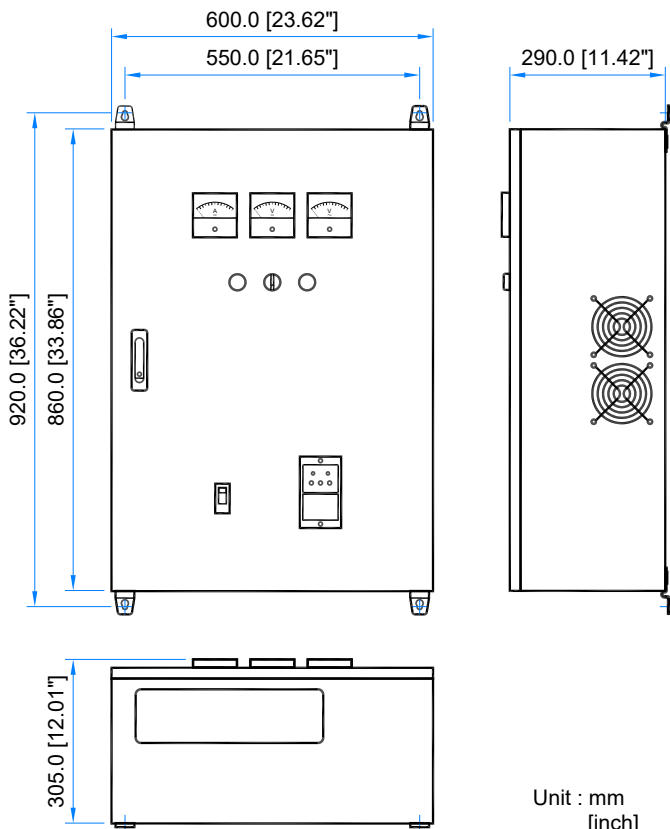


EA200A
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Specifications

Sensing Input	Voltage	85 to 550 Vac	1 phase 2 wire	Voltage Regulation	Less than +/-1% (with 4% engine governing)
	Frequency	50/60 Hz	selectable	Build Up Voltage	5Vac 25Hz residual voltage at power input terminal
Power Input	Voltage	160 to 280 Vac	1 phase 2 wire	Droop Adjustment	Droop current compensation input 5A 5VA +/-7% @ PF = +/-0.5 (Droop adjusted)
	Frequency	50/60 Hz		Analogue Input	Analogue voltage input connect to an external DC signal +/-5Vdc 10% adjustable (TRIM adjusted)
Excitation Output (at 220 Vac input)	Voltage	Half-wave Continuous	63Vdc Max. 90 Vdc	Under Frequency Protection (Factory Presets)	
		Full-wave Continuous	125Vdc Max. 180 Vdc		
	Current	Continuous	200A Intermittent 250A for 10 seconds		
External Voltage Adjustment	Resistance	Half-wave	Min. 0.3 ohms Max.100 ohms	50 Hz system presets knee point at 45 Hz	
		Full-wave	Min. 0.6 ohms Max.100 ohms	60 Hz system presets knee point at 55 Hz	
	Resistance	1K Ω +/- 3.5%		Battery Input (24V)	DC Power supply for initial field flashing, excitation current display, alarm protection function
		2K Ω +/- 7%			

Dimensions



Environment

Operating Temperature	-40 to +60 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	Max. 95%

Physical Specifications

Dimensions	600.0 (L) x 305.0 (W) x 860.0 (H) mm
	23.62 (L) x 12.01 (W) x 33.86 (H) inch
Weight	67 Kg +/- 2%
	147.7 lb +/- 2%

Accessories

Enclosure Hook	× 1
Terminal isolation spacer	× 4
Jumper	× 1



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ISO 9001
ETC