

EA75A220HL (Half Wave)

EA75A220FL (Full Wave)

Self Excited Automatic Voltage Regulator 75Amp

Compatible with Carbon Brush Type Generators

(Parallel version is available for option)

Features

- Voltage regulation less than +/-1%
- 50/60 Hz selectable
- Full wave & half wave version available
- Adjustable voltage, stability & field limit
- Built-in high breaking capacity fuse
- Forced-Air Cooling by internal fan
- Under frequency protection

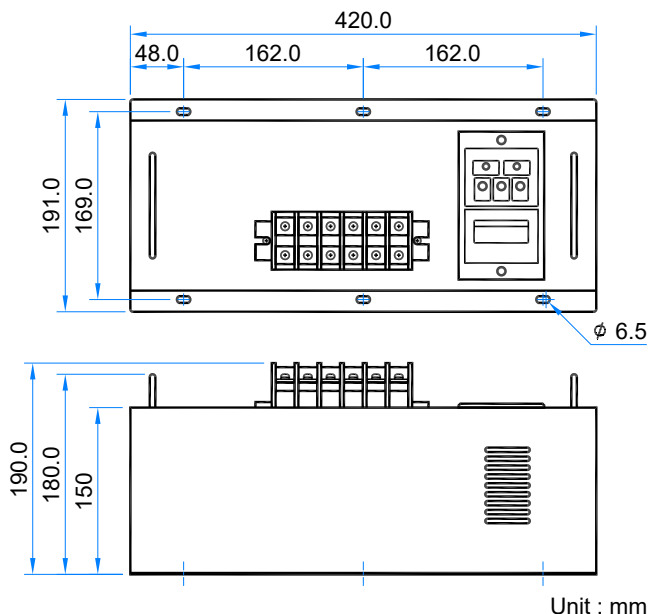


Specifications

Sensing & Power Input	Voltage 170 to 265 Vac 1 phase 2 wire	Voltage Regulation	Less than +/-1% (with 4% engine governing)
	Frequency 50/60 Hz selectable	Build Up Voltage*	Residual volts at AVR terminal > 5 Vac @ 25 Hz
Output (at 220 Vac input)		External Voltage Adjustment	+/-6%
	Voltage EA75A220HL Max. 90 Vdc	Under Frequency Protection (Factory Presets)	
	EA75A220FL Max. 180 Vdc		50 Hz system knee point at 45 Hz
	Current Continuous 75A Intermittent 100A for 10 seconds		60 Hz system knee point at 55 Hz
	Resistance EA75A220HL Min. 0.9 ohm		
	EA75A220FL Min. 1.6 ohms		

* If residual voltage is less than 5Vac, field flashing manually is required. Optional EB500 (auto flash module) is recommend to use for automatically and safely flash the field.

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	420.0 (L) x 191.0 (W) x 180.0 (H) mm
Weight	EA75A220HL 6.6 Kg +/-2%
	EA75A220FL 8.0 Kg +/-2%

