

# EA75A220

## Self Excited Automatic Voltage Regulator 75 Amp

Compatible with Carbon Brush\* Type Generators

\*All manufacturer names, numbers, symbols and descriptions are used for reference purpose only and do not imply that any part is the product of these manufacturer.

### Features

- Voltage Regulation < ±1%
- 50/60 Hz Selective
- Full Wave or Half Wave Version Available
- Adjustable Voltage, Stability & Field Limit
- Optional Under Frequency Protection and Parallel Connection Function
- Built-in High Breaking Capacity Fuse



### Specifications

<b>Input</b>	Voltage	170~265 VAC 1 phase 2 wire	<b>Voltage Build-up</b>	Residual volts at AVR terminal > 5 VAC (25 Hz)
	Frequency	50/60 Hz selectable	<b>External Volts Adjustment</b>	±20%
<b>Output</b>	EA75A220HL <sup>*1</sup>	Max. 90 VDC @ 220 VAC input	<b>Under Frequency Protection</b>	60Hz system presets knee point at 55Hz
	EA75A220FL <sup>*2</sup>	Max 180 VDC @ 220 VAC input		50Hz system presets knee point at 45Hz
	Current	Continuous 75A	<b>Operation Temperature</b>	-40~60 °C
		Intermittent 100A for 10 sec.	<b>Dimensions</b>	420.0 (L) x 150.0 (W) x 190.0 (H) mm
<b>Volts Regulation</b>	Resistance	Min. 1.5 Ω	<b>Weight</b>	EA75A220HL 6.6 kg ±2%
				EA75A220FL 8.0 kg ±2%

\*1 "HL" AVR for half-wave voltage output generators with under frequency protection.

\*2 "FL" AVR for full-wave voltage output generators with under frequency protection.