



EA45A220

Self Excited Automatic Voltage Regulator 45 Amp AVR Compatible with Carbon Brush Type Generators

Features

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

Specifications

Input	Voltage	170 ~ 265 VAC, 1 phase 2 wire
	Frequency	50 / 60 Hz selectable
Output	EA45A220H*	Max. 90 VDC @ 220VAC input
	EA45A220F*	Max 180 VDC @ 220VAC input
	Current	Continuous 45 A, Intermittent 60 A for 10 sec.
	Resistance	Min. 9 Ω
Weight	EA15A220H	4.5 kg
	EA15A220F	5.2 kg

*Suffix— “H” AVR for half-wave voltage output Generators
 “F” AVR for full-wave voltage output Generators
 “L” AVR with under frequency protection

Volt. Regulation	$< \pm 1\%$ (with 4% engine governing)
Volt Build-up	Residual volts at AVR terminal > 5 VAC (25Hz)
External Volt. Adj.	$\pm 10\%$ with 1K Ω 1 watt trimmer
Under Freq. Protection	60 Hz system presets knee point at 55 Hz
	50 Hz system presets knee point at 45 Hz
Dimensions	330 (L) x 190 (W) x 180 (H) mm
Operation Temp.	$-40 \sim 60^\circ\text{C}$

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



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