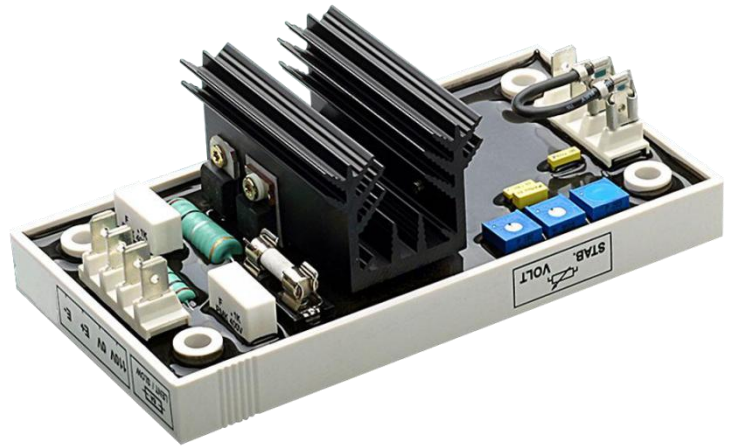


IPUA230

Automatic Voltage Regulator 100 VDC 8 Amp

8 Amp self excited brushless type genset voltage regulator is a universal AVR and compatible replacement for Leroy Somer R230 regulator.



Features

- $< \pm 1\%$ Regulation
- Economical Compact Design
- For use in 50/60 Hz Brushless Generators
- EMI Suppression
- Under Frequency Protection
- Over Excitation Current Shutdown
- 120 VAC Optional

Specification

Input	Voltage 120 VAC (90~140 VAC), 1 Phase 2 Wire Frequency 45~65 Hz
Output	Voltage Max. 100 VDC @ 120 VAC input Current Continuous 8A, Intermittent 10A for 10 sec.
Resistance	Min. 15 Ω
Voltage Build-up	Residual Volts at AVR terminal > 5 VAC
Voltage Regulation	$< \pm 1\%$ (with 4% engine governing)
Thermal Drift	0.03% per °C change in AVR ambient
External Volts Adjustment	$\pm 5\%$ with 5 K Ω , 1/2 Watt trimmer
Under Frequency Protection	Knee point 47/57 Hz (Adjustable)

IPUA230 Specification (cont)

Unit Power Dissipation	Max. 6 Watt
EMI Suppression	Internal Electromagnetic Interference Filtering
Environment	Operating Temperature : -40~60 °C Storage Temperature : -40~85 °C Relative Humidity : Maximum 95% Vibration : 1.5G @ 5~30 Hz , 5.0G @ 30~500 Hz
AVR Controls Functions	VOLT : Voltage Adjustment STAB : Stability Adjustment U/F : UFRO Knee Point Set (U/F: Under Frequency Protection)
Shock	Withstands up to 20G in each X, Y, Z axes
Dimensions	140.0(L) x 75.0(W) x 51.0(H) mm
Weight	310 g ± 2%
Unit Power Dissipation	Max. 6 Watt

(UNIT mm)

