

## IPIUA350

**Automatic Voltage Regulator 74 VDC  
4 Amp**

Self excited brushless type genset voltage regulator is a compatible replacement for Marathon SE350 regulator and Basler AVC63-4D regulator.



### Features

- $< \pm 1\%$  Regulation
- Optional 120/240 VAC Sensing Input Switch<sup>(\*)</sup>
- 50/60 Hz Selectable
- Under Frequency Protection
- Built-in High Breaking Capacity Fuse
- EMI Suppression

\* SE350 and AVC 63-4D only fits 220 VAC Generators, and do not have fuse protection.

### Specification

<b>Sensing Input</b>	Voltage 120(90~132) / 240(171~264) VAC, DIP Switch Selectable Frequency 50/60 Hz Selectable
<b>Output</b>	Voltage Max 37 VDC @ 120 VAC input , Max 74 VDC @ 240 VAC input Current Continuous 4A, Intermittent 7A for 60 sec.
<b>Voltage Regulator Rate</b>	$< \pm 1\%$ (with 4% engine governing)
<b>Voltage Build</b>	Residual volts at AVR terminal $> 3.5$ VAC
<b>External Voltage Adjustment</b>	$\pm 5\%$ @ 1 K $\Omega$ 1 Watt $\pm 10\%$ @ 2 K $\Omega$ 1 Watt
<b>Unit Power Dissipation</b>	Max. 8 Watt

## IPUA350 Specification (cont)

EMI Suppression	Internal electromagnetic interference filtering
Under Frequency Protection(UFRO)	60 Hz system presets knee point at 55 Hz (Factory Setting) 50 Hz system presets knee point at 45 Hz (Factory Setting)
Environment	Operating Temperature : -40~60 °C Storage Temperature : -65~85 °C Relative Humidity : Maximum 95% Mechanical Vibration : 1.3G @ 5~26 Hz , 5.0G @ 52~1000 Hz
AVR Controls Functions	VOLT Voltage : Adjustment STAB : Stability Adjustment U/F : UFRO Knee Point Set
Dimensions	99.5(L) x 67.0(W) x 47.5(H) mm
Weight	185 g ± 2%
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(UNIT : mm)

