

## IPUA460

Automatic Voltage Regulator Sensing Input 120V or 240V

Self excited brushless type genset voltage regulator is a compatible replacement for Newage Stamford SX460 regulator.



## Features

- $< \pm 1\%$  Regulation
- Soft Start Voltage Ramping
- Sensing Voltage Loss Protection
- 120 or 240 VAC Sensing, Jumper Selectable
- Under Frequency Roll Off Protection
- With Under Frequency LED Indicator

## Specification

<b>Sensing Input</b>	Voltage 120(95~132) or 240(190~264), 1 Phase 2 Wire, Jumper Selectable Frequency 50/60 Hz, Jumper Selectable
<b>Power Input</b>	Voltage 100~264 VAC, Single Phase
<b>Output</b>	Voltage Max. 90 VDC @ 207 VAC input Current Continuous 4A, Intermittent 10A for 10 sec. Resistance Min. 15 $\Omega$
<b>Voltage Regulation</b>	$< \pm 1.0\%$ (with 4% engine governing)
<b>Voltage Build-up</b>	Residual volts at AVR terminal $> 5$ VAC
<b>External Volts Adjustment</b>	$\pm 7\%$ with 1 K $\Omega$ 1 watt trimmer
<b>Unit Power Dissipation</b>	Max. 10 Watt
<b>Soft Start Ramp Time</b>	2 sec.

## IPUA460 Specification (cont)

Thermal Drift	0.05% per °C change in AVR ambient
Under Frequency Protection(UFRO)	Set 95% Hz (Factory Set) Slope 170% down to 30 Hz
Environment	Operating Temperature : -40~70 °C Storage Temperature : -40~85 °C Relative Humidity : Maximum 95% Vibration : 3.3G @ 100~2 KHz
AVR Controls Functions	VOLT : Voltage Adjustment STAB : Stability Adjustment UFRO : UFRO Knee Point Set
Dimensions	135.0(L) x 100.0(W) x 49.0(H) mm
Weight	243 g ± 2%
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