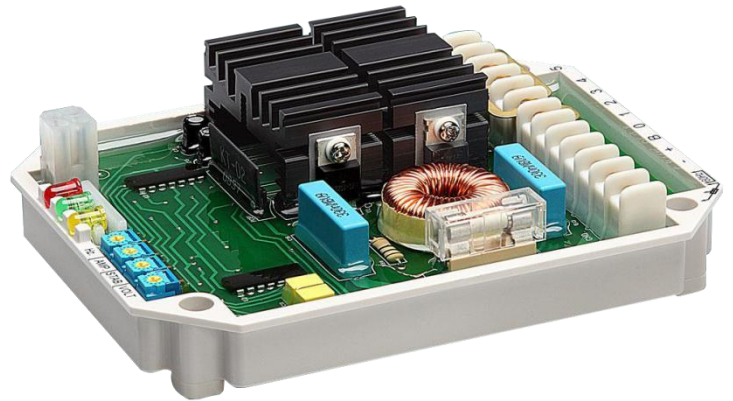


IPUA06

Self Excited Half Wave Rectified Type AVR 6 Amp

Self excited brushless type Generator Automatic Voltage Regulator is a compatible replacement for the Mecc Alte Spa AVR model UVR6, SR7-1 and SR7-2.



Features

- $< \pm 1\%$ Regulation
- Sensing Input 220~480V
- Rated Frequency 50/60 Hz
- Power Input 50~280 VAC
- Low Frequency & Over Excitation Protection
- EMI Suppression

Specification

Sensing Input	Terminal 1,2 3,4 5,6 Can be connected to Y or Δ 220~480 VAC Single Phase 50/60 Hz
Power Input	50~280 VAC (1,2), 50/60 Hz
Output Voltage	Maximum 90 VDC @ 220 VAC, Harmonic Wave
Output Current	Continuous 6A Maximum 8A for 10 sec.
Over Excitation Protection	25~55 VDC @ 0.1~20 sec.
Under Frequency Protection	U/F Range 42~60 Hz
Voltage Regulation	$< \pm 1\%$ (with 6% engine governing)
External Volts Adjustment	$\pm 5\%$ @ 100 K Ω

IPUA06 Specification (cont)

Voltage Build-up	Residual Voltage above 5 VAC 25 Hz
EMI Suppression	Internal Electromagnetic Interference Filtering
Excitation Winding Resistance	DC Resistance 10~100Ω
Environment	Operating Temperature : -40~60 °C Storage Temperature : -40~85 °C Relative Humidity : Maximum 95% Vibration : 31.5G @ 5~30 Hz , 5.0G @ 30~500 Hz
AVR Controls Function	VOLTS : Voltage Adjustment STAB : Stability Adjustment U/F : Under Frequency Protection AMP : Over Excitation Setting
Dimensions	150.0(L) x 114.7(W) x 35.2(H) mm
Weight	520 g ± 5%
Voltage Build-up	Residual Voltage above 5 VAC 25 Hz

(UNIT : mm)

