## Electronic Servo AVR (Single Phase)

### PR single phase series





# Specially for single phase CNC industrial and computer/instrument equipment

Single Phase Electronic Servo AVR is suitable for all kinds of single phase load and premises. The product lines have complete series and light, thin and small in size, they are environmentally friendly conceptual models. The products have patented bypass device and continuous stepless voltage regulation design. The products are highly accepted and welcome by CNC industry, computer and instrument industries.

#### Feature:

- Input range is ±15%
- Output accuracy is within ±1%
- Self-detecting function
- Continuous stepless regulation design
- No distortion
- Overload, short circuit protect device
- Start over voltage protection

- Powerful overload 150% ability
- Front panel with LED indicator displayed
- With voltmeter, ammeter to monitor O/P voltage, current
- High Efficiency ≥98%
- Innovative panel design
- Compact size & environmentally friendly conceptual models
- With patented bypass device

### Application:



AOI Test Machine



Inspect Instrument



Office IT Equipment



Computer Classroom



Multimedia Equipment



Gas Station

# Instrument Lamp Indicating



The latest power conditioner are indicated by voltmeter, ammeter, High/Low and normal indicator

#### Precise Main Control PCB



With multiple functions, including self-detection, High/Low voltage protection and voltage regulation

#### With Surge Protection



Having lightning surge protection element to protect equipment (some models plus)

#### **SOVP Device**



Whether it is switched on or recover from power outage, the Start Over Voltage Protection will always re-start from low voltage, won't have high voltage output

# Bypass Protection Device



All models are equipped with bypass protecting device, so as to keep the equipment installed with the AVR free from any damage

### Model & Specification:

Model No. (PR-)		110 AS/C3	115 AS/BS/CS B3/C3	120 AS/BS/CS B3/C3	125 AS/BS CS/B3	130 AS/BS/CS B3/C3	140 AS/BS CS/B3	150 BS/CS B3	160 BS	175 BS
Capacity (KVA)		10	15	20	25	30	40	50	60	75
Voltage		AS:1 $\psi$ 2W 110V series (I/P and O/P are the same) BS:1 $\psi$ 2W 220V series (I/P and O/P are the same) B3:1 $\psi$ 2W 380V series (I/P and O/P are the same) CS:1 $\psi$ 2W or 1 $\psi$ 3W 110V or 220V series (with isolated type transformer) C3:1 $\psi$ 3W 110V-0-110V series (I/P and Output are the same) C5:CS with special specification								
Input Range		$-A = \pm 10\%$ $-B = \pm 15\%$ Frequency: 50/60Hz±5%								
Output Accuracy		≤1%								
Efficiency		>98%								
Response Time		<0.1 Second								
Distortion		No distortion (the same with input waveform)								
Protection	High Voltage	Option								
	Low Voltage	Option								
Bypass		Standard Feature								
Indicators	Voltmeter	Standard Feature								
	Ammeter	Standard Feature								
Overload Ability		150% for 10 seconds								
Environment		Temperature: 0°C ~45°C Humidity: 0%~95% RH (Non-Condensing)								