

Electronic Servo AVR (Single Phase)

PS 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 are all CE certified. The products are light, thin and small in size and are environment 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 $\pm 15\%$ ($\pm 20\% \sim \pm 40\%$ can be customized)
- Output accuracy is within $\pm 1\%$
- Self-detecting function
- Continuous stepless regulator design
- No distortion
- Overload, short circuit protect device
- Start over voltage protection
- Powerful overload 150% ability
- Front panel with LED indicator displayed (5~10KVA)
- With O/P voltmeter to monitor O/P voltage
- High Efficiency $\geq 98\%$
- Innovative panel design
- Compact size & easy to operate
- With bypass device

❖ Application:



AOI Test Machine



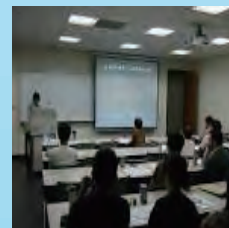
Inspect Instrument



Office IT Equipment



Computer Classroom



Multimedia Equipment



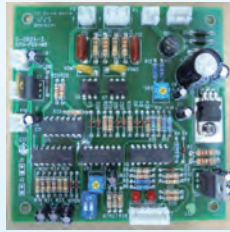
Gas Station

Instrument Lamp Indicating



The latest power conditions are indicated by voltmeter, Hi/Low and normal indicator

Precision Main Control PCB



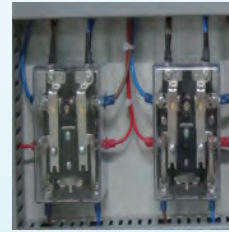
With multiple functions, including self-detection, Hi/Low voltage protection and voltage regulation

With Surge Protection



Having lightning surge protection element to protect equipment

With SOVP device



Whether it is on or recover from power outage, the Start Over Voltage Protection will always re-start from low voltage

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. (PS-)	103 AS/BS/CS	105 AS/BS/CS	107 AS/BS/CS	110 AS/BS/CS	115 AS/BS/CS	120 AS/BS/CS	125 AS/BS/CS	130 AS/BS/CS	140 AS/BS/CS	150 AS/BS/CS
Capacity (KVA)	3	5	7.5	10	15	20	25	30	40	50
Voltage	AS:1 φ 2W 100V or 110V or 115V or 120V (I/P and Output are the same) BS:1 φ 2W 200V or 220V or 230V or 240V (I/P and Output are the same) B3:1 φ 2W 380V (I/P and Output are the same) CS:1 φ 2W or 1 φ 3W 110V or 220V System (with isolated type transformer) C3:1 φ 3W 110V-0-110V System (I/P and Output are the same)									
Input Range	Nominal Voltage: ±15% (±20%~±40% can be customized) 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)									