

With Certifications:    **SGS**

## SDV SERIES

vertical three phase servo type high accuracy full automatic AC voltage regulator



### 01 General

SDV series vertical three phase servo type high accuracy full automatic AC voltage regulator adopts the international advanced technology and intelligent CPU centralized control technology, it has beautiful design, easy to moving, large capacity, etc. which is composed of servo motor, control circuit, compensator. It has advantages of small volume, light weight, high efficiency, high precision, wide voltage stabilizing range, no waveform distortion etc. All products are provided with over-voltage and under-voltage protection, delay protection, error protection and voltage two-way indication, which make the function of the product more perfect and reliable. To ensure quality, we introduce the advanced technology abroad, main parts adopt import spares. They are widely used in the fields of household appliances, industrial and agricultural production, scientific research, medicine and health areas.

### 02 The advantages of this model

1. Wide Input voltage: three phase AC 240~450V
2. High technology: Programmed control computerized
3. The high accuracy of the output voltage ( $380V \pm 1,5\%$ )
4. Quality insurance: Main spare parts made by ourselves, for example, transformer, PCB.
5. Perfect protection function: Over/low voltage protection, over-heat/load protection, short circuit protection.
6. High efficiency: More than 95%

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## 03 Application

They are suitable in Computer, Test equipment, Light system, Safe alarm system, Ray equipment, Medical equipment, Copy machine, Stereo equipment, Numerical control machine tools, Industrial automation equipment, Color and drying equipment, Test equipment, Hi-Fi equipment etc.

## 04 Technology Parameter

Technology	Servo Motor Control System +Micro compute programmed control
Input voltage	three phase AC240-450V
Output voltage	three phase 380V ± 1.5% or 3.5%
Phase	Three-Phase
Frequency	50-60Hz
Adjust time	<1sec.(against 10% input voltage deviation)
Protection over voltage	<430 ± 2V
Protection lack voltage	<320 ± 2V
Delay	3 second
Temperature protection	110°C ± 10°C
Ambient temperature	-10~+45°C
Relative humidity	<90%
Wave form distortion	No additional wave form distortion
Efficiency	> 95%
Dielectric strength	1500V/min
Insulation resistance	≥5MΩ

## 05 Specification, Dimensions and Weight

Model	Power output	Unit(pcs)	Package size(mm)	G.W.(Kg)
SDV-3-9000VA	9000VA	1	454x414x730	44.00
SDV-3-15000VA	15000VA	1	485x455x910	59.00
SDV-3-20000VA	20000VA	1	535x515x973	86.00
SDV-3-30000VA	30000VA	1	535x515x973	91.00
SDV-3-60000VA	60000VA	1	810x610x1345	215.00
SDV-3-90000VA	90000VA	1	810x610x1345	245.00