

# Stabilizer Series

## SV-Y 2K-30K SV-Y33 5K-200K

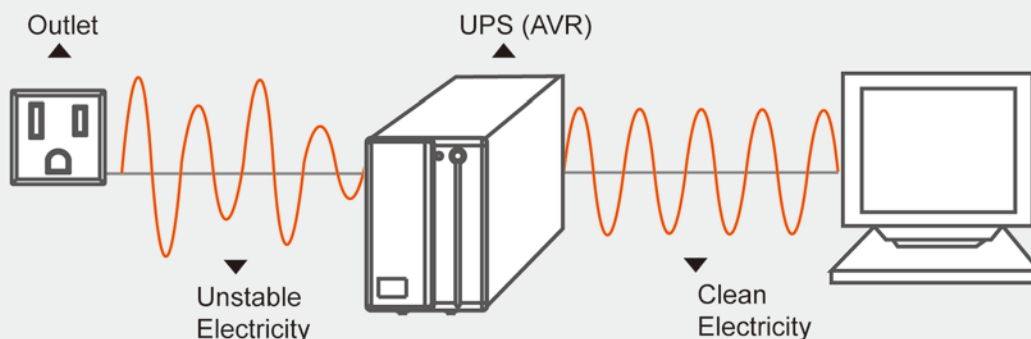


### Features

- Voltage range is the maximum: nominal voltage of input is between  $\pm 15\% \sim 30\%$ .
- Voltage range is the precisest : after use AVR, the error of voltage out put is less than  $\pm 1\%$ .
- Overload capacity is the strongest : can resist 150% above sudden overload without causing voltage to go down extremely .
- Reaction time is the fastest: the speed of voltage regulation is lower than 0.1 second.
- Output efficiency is the best: from zero to full loading, the output efficiency is all above 95% .
- Using single mode-design: easy to make a replacement of parts.
- Main AVR use h-grade material: can prolong the life of machine.
- LED display restoration mode.
- Safety hiding-style switch shield: can prevent damage or error man-made action during transportation and cause no voltage to output.
- Use double layers in pc board: can prevent contact fault and prolong machine life.
- No-fuse hiding switch: can prevent man-made damage or careless machine shutdown.
- Central axle of main AVR use aluminum material: can prevent to loosen and help to transmit heats.

### What is AVR?

Diagram on how AVR works ...



AVR keeps electricity at a safe range by correcting the under and over voltages that are harmful to your equipment.

# Stabilizer Series

# SV-Y 2K-30K SV-Y33 5K-200K



## Specifications

Model Name	SV2KY	SV3KY	SV5KY	SV7.5KY	SV10KY	SV20KY	SV25KY	SV30KY	
<b>Topology</b>	Low Frequency / Servo Type								
<b>Power Factor</b>	0.8~1								
<b>Maximum Capacity</b>	2KVA	3KVA	5KVA	7.5KVA	10KVA	20KVA	25KVA	30KVA	
<b>AC INPUT</b>									
<b>Input Voltage</b>	100V,110V,115V,120V, 127V,200V,220V,230V, 240V or 110/220V								
<b>Input Frequency</b>	60Hz/50Hz ±5%								
<b>Phase</b>	Single phase 1Φ2W/G or 1Φ3W/G, or other special voltage (welcoming order)								
<b>Response time</b>	Input voltage starting alteration within 0.1 sec start adjusting								
<b>AC OUTPUT</b>									
<b>Output Voltage</b>	100V,110V,115V,120V, 127V,200V,220V,230V, 240V or 110/220V								
<b>Output Frequency</b>	60Hz/50Hz ±5%								
<b>Phase</b>	Single phase 1Φ2W/G or 1Φ3W/G								
<b>Wave distortion</b>	less than 1% and with amending wave function								
<b>Protection</b>	Overload protection function and in addition to over high voltage and bypass protection function								
<b>Overload Capacity</b>	When loaded 150% more than 10sec. When loaded 200% more than 2sec.								
<b>ENVIRONMENTAL</b>									
<b>Temperature</b>	0°C~45°C								
<b>Humidity</b>	0~95%								
<b>PHYSICAL</b>									
<b>Dimensions (W×H×D)</b>	40×56×46cm		60×46×46cm		60×46×46cm			67×49×69cm	
<b>Weight</b>	16kg	17kg	35kg	34kg	48kg	68kg	76kg	83kg	

Specifications are subject to change without notice.

## Specifications

Model Name	SV5KY33	SV30KY33	SV45KY33	SV75KY33	SV100KY33	SV125KY33	SV150KY33	SV200KY33	
<b>Topology</b>	Low Frequency / Servo Type								
<b>Power Factor</b>	0.8~1								
<b>Maximum Capacity</b>	5KVA	30KVA	45KVA	75KVA	100KVA	125KVA	150KVA	200KVA	
<b>AC INPUT</b>									
<b>Input Voltage</b>	200V,220V,230V,240V,254V,380V,390V,400V,415V,440V,460V,480V								
<b>Input Frequency</b>	60Hz/50Hz ±5%								
<b>Phase</b>	Three phase 3Φ3W/G or 3Φ4W, or other special voltage								
<b>Response time</b>	Input voltage starting alteration within 0.1 sec start adjusting								
<b>AC OUTPUT</b>									
<b>Output Voltage</b>	200V,220V,230V,240V,254V,380V,390V,400V,415V,440V,460V,480V								
<b>Output Frequency</b>	60Hz/50Hz ±5%								
<b>Phase</b>	Three phase 3Φ3W/G or 3Φ4W								
<b>Wave distortion</b>	less than 1% and with amending wave function								
<b>Protection</b>	Overload, phase lagged, surge, bypass, delay switch self-setting over high and over low voltage protection. Phase unbalanced to 30% may amend balance within 2%								
<b>Overload Capacity</b>	When loaded 150% more than 10sec. When loaded 200% more than 2sec.								
<b>ENVIRONMENTAL</b>									
<b>Temperature</b>	0°C~45°C								
<b>Humidity</b>	0~95%								
<b>PHYSICAL</b>									
<b>Dimensions (W×H×D)</b>	57×39×59cm		116×66×104cm		54×106×83cm		64×116×103cm		75×137×153cm
<b>Weight</b>	55kg	130kg	169kg	300kg	320kg	320kg	330kg	600kg	

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