

## JJW.JSW Series Purifying AC Voltage Stabilizers

Taking the voltage stabilization and purification as the integral and adopting the sinusoidal energy-distribution voltage stabilization technology, the series JJW.JSW AC purifying regulated power supply provides the features of high precision in voltage stabilization, quick speed in dynamic response, low distortion, high adaptation to overload, high resistance to electromagnetic interference, etc. and can properly absorb and control the noises and peak voltage of electrified wire netting.

### Service Occasions

Large and medium-sized institutes and schools, industrial and mining



enterprises, post and telecommunications, railway transportation, medical health, measurement and inspection, bank system, precision instrument, measuring equipment.

### • Performance

Input voltage	Single-phase 180V-250V Three-phase 208V-430V
Output voltage	Single-phase 220 Precision 1%; Three-phase 220
Frequency	Precision 1%
Protective value for	50Hz ± 2Hz
Overvoltage	Single-phase 246 ± 4V; Three-phase 426 ± 7V
Loading Effect	< ± 0.5%
Efficiency	>90%
Waveform Distortion	< 5%
Response Time	20ms-100ms
Peak Absorption	Input 500V-13us Output < 5V
Ambient Temperature	-10°C ~ +40°C

### • Spec., Dimensions and weight

Spec. & model (VA)	Overall dimensions (cm)	Weight (kg)	
JJW	1	35 × 16 × 25	13
	2	39 × 17 × 29	17
	3	46 × 23 × 41	27
	5	46 × 23 × 41	37
	10	51 × 27 × 47	65
	15	66 × 42 × 47	87
	20	81 × 62 × 54	100
JSW	30	81 × 62 × 59	114
	3	61 × 32 × 56	33
	6	61 × 32 × 56	45
	9	71 × 35 × 66	63
	15	71 × 35 × 66	81
	20	71 × 40 × 76	115
	30	71 × 40 × 76	140
50	71 × 40 × 76	165	
100	110 × 40 × 76	215	

## SBW.DBW Single-phase And Three-phase High-power Full-automatic Compensating Power Voltage Stabilizers

Series SEW and DEW single-phase and three-phase high-power full-automatic compensating power voltage stabilizers (Hereinafter called as the voltage stabilizers.) are designed for stabilizing AC current by importing and absorbing the advanced technology from Western Europe, and conforming to the situation in our country simultaneously. When the voltage fluctuation

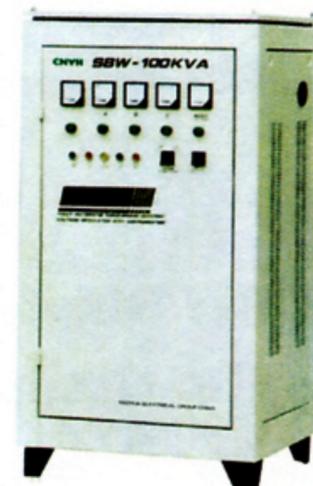
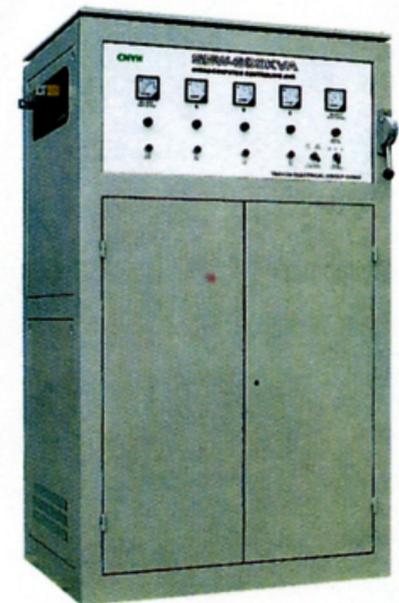
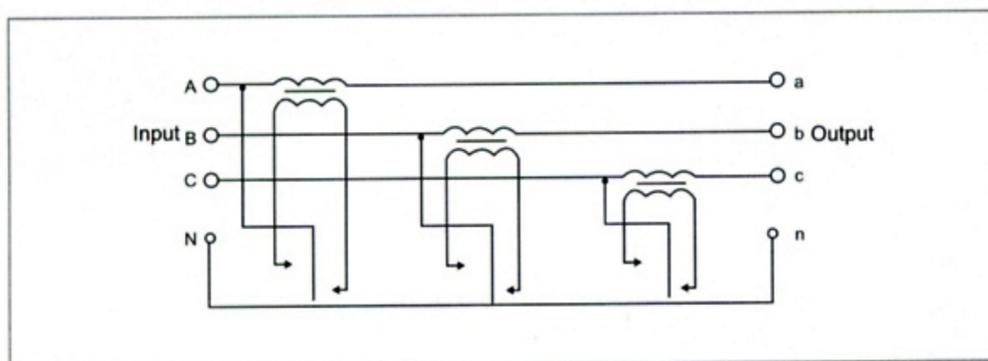
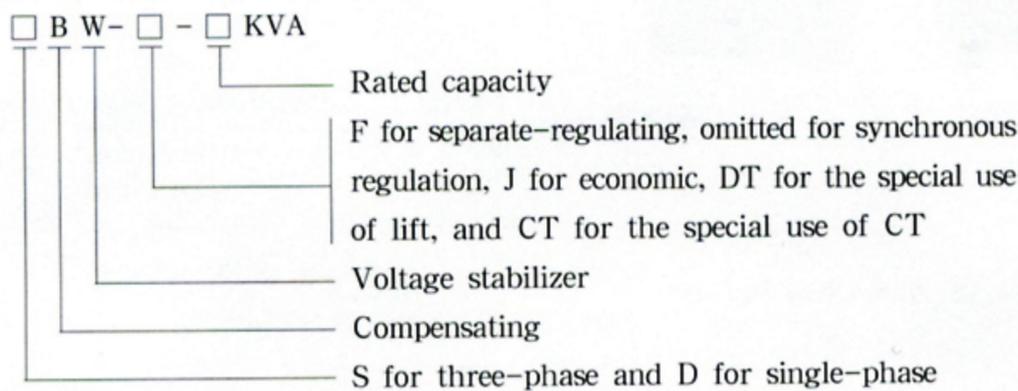


SBW-500-3000KVA

of outside power-supply network or the load charge causes the voltage to be fluctuated, it can automatically keep the output voltage stable. Compared with the other stabilizers, the serial products have the advantages of large capacity, high efficiency, no waveform distortion, stable voltage control and so on. Furthermore, the serial stabilizers own the wide service load, the capacity for bearing the momentary overload, long-term continuous operation, the switching for manual and automatic operation, the protection against the overvoltage, overcurrent, phase shortage, phase-sequence and the automatic protection against mechanical failure, small size, light weight, easy installation and operation, reliable operation, etc. So, they are widely used in the equipment of the large electromechanical, the metal processing, constructional engineering, embroidery textiles, and production flow-line, electrical lift, medical apparatus and instruments, air-conditioner, broadcast television, household appliances, lighting etc. in the line of industry, agriculture, transportation, post and telecommunications, military affairs, railway, scientific research culture and so on.

## Model

The model definitions are as below:



SBW30-400KVA

## Main Technical Features

### A. Input voltage

Three-phase: Three-phase four-line system phase voltage:  $220 \pm 20\%$ ,

line voltage:  $380V \pm 20\%$ , or phase voltage:  $220 \pm 30\%$ ,

line voltage:  $380V \pm 30\%$  can be selected. (Please specify when ordering.)

Single-phase:  $220 \pm 20\%$  or  $220 \pm 30\%$  can be selected. (Please specify when ordering.)

### B. Output Voltage: Three-phase: Three-phase four-line system

P hase voltage: 220V Line voltage: 380V Single-phase: 220V

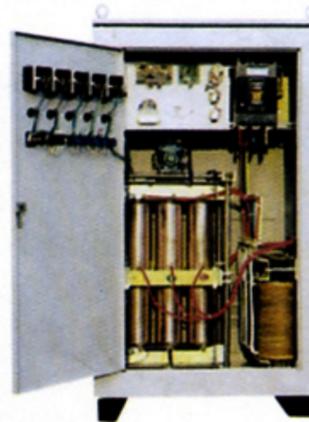




SBW-TD  
SBW-CT



DBW



SBW

- C. Output Voltage Accuracy: 2-5% can be adjusted.
- D. Efficiency: > 95% (Power grade is over 50KVA.)
- E. Response Speed: < 1.5S (In the condition that the external voltage changes is 10%.)
- F. Waveform Distortion: No additional waveform distortion.
- G. Protection: It offers the protections against overvoltage, overcurrent, phase shortage and phase-sequence (The single-phase offers no protection against the phase shortage and phase-sequence.) and mechanical failure.

H. It offers the easy switching between the voltage stabilization and electric supply.

(The single-phase has no this kind of function.)

I. It offers the automatic starting or manual starting when the power is supplied. (It can be chosen.)

J. It offers the unattended continuous operation for a long-term.

## DC/AC Inverter (load power for vehicle and boat)

When work outdoors or travel by driving, you need durable and stable power for your electric appliances, the brand inverter can supply the power of AV 220V for your computer, electric fan, and hand driller etc. So that you may work and make amusement at one's pleasure but no worry about the power.

- Input voltage: DC12V (or DC24V 48V)
- Output voltage: 220VAC 50Hz
- Output wave: Sine wave right
- Efficiency: 90 percent or more
- May work for long under the rated load.
- Input lack-voltage, over-voltage protection is lower than 10.3V, or higher than 10.6V, protection
- Short circuit, overload or over-temperature (75o) automatic protection, cut off the output.
- The circuit is advanced, the structure is novel
- Beautiful aluminium alloy shell is durable



SKN-C-150W  
Rated power: 150W  
Peak-value power: 330W



SKN-C-350W  
Rated power: 150W  
Peak-value power: 600W



SKN-C-500W  
Rated power: 500W  
Peak-value power: 800W