



## SBW5 SERIES(30KVA-3000KVA)

SBW5 Automatic Compensated Power Voltage Stabilizer



## INTRODUCTION

SBW5 series large power voltage stabilizer is an energy-saving new product developed by our company absorbing the advanced technology of international same product, with the functions of over under-voltage protection, delay and error protection. It has advantages of small volume, light weight, large capacity, high efficiency, wide range, high precision, strong protection, without wave-form distortion, reliable operation and easy installation, etc. Widely used in the fields of post office, store, elevator, hospital, publishing house and stock exchange where normal voltage is in need, and also can be used in the factories of large and middle-scale industrial. It is very much suitable for some important devices and supporting single machine.



MODEL	OUTLINE(cm)	OUTPUTPOWER	WEIGHT(kg)
SBW5-30KVA	600*850*1250	30KVA	230
SBW5-50KVA	600*850*1250	50 KVA	250
SBW5-80KVA	650*850*1350	80 KVA	300
SBW5-100KVA	650*850*1350	100 KVA	360
SBW5-150 KVA	750*950*1500	150 KVA	480
SBW5-180 KVA	750*950*1500	180 KVA	500
SBW5-200 KVA	750*950*1500	200 KVA	630
SBW5-225 KVA	750*950*1500	225 KVA	680
SBW5-250 KVA	750*950*1500	250 KVA	700
SBW5-300 KVA	1100*900*2000	300 KVA	740
SBW5-320 KVA	1100*900*2000	320 KVA	860
SBW5-350 KVA	1100*900*2000	350 KVA	980
SBW5-400 KVA	1100*900*2000	400 KVA	1080
SBW5-450 KVA	1200*1100*2200	450 KVA	1320
SBW5-500 KVA	1200*1100*2200	500 KVA	1470
SBW5-600 KVA	1200*1100*2200	600 KVA	2170
SBW5-FN/800 KVA	1850*1300*2200	FN/800 KVA	2650
SBW5-FN/1000 KVA	1950*1350*2250	FN/1000 KVA	3150
SBW5-FN/1200 KVA	1950*1350*2250	FN/1200 KVA	3650
SBW5-FN/1600 KVA	1950*1350*2250	FN/1600 KVA	4700
SBW5-FN/1800 KVA	1100*1200*2200	FN/1800 KVA	5200
SBW5-FN/2000 KVA	1100*1200*2200	FN/2000 KVA	5800

Capacity	30KVA~3000KVA
Input Range	Three phase AC 380V $\pm 25\%$ (285V~475V) and accept large range customized
Frequency	47Hz~63Hz
Output	Line voltage: AC380V ; Phase voltage: AC220V
Center Voltage	Line voltage AC 380V (Phase voltage AC 220V $\pm 3\%$ adjustable)
Regulating Accuracy	$\pm 1\% \sim 5\%$ settable
Response Time	$\leq 0.05s$
Settling Time	$\leq 1.0s$ (input voltage relative to the rated step change 10%)
Waveform Distortion	$\leq 0.1\%$
Efficiency	$\leq 98.5\%$
Function Control	CPU intelligent operation control, all parameters through the display operation settings or computer settings.
Regulator mode	Stepless adjustment.
Regulator Function	Manual voltage regulator, automatic regulator and adjustable.
Automatic Power-on function	Available to select "Auto mode" or "No start mode" when power is restored after power failure. When "Auto Start" mode is selected, the regulator will automatically output after a few seconds of delay, Protection equipment is not high and low voltage shock damage to achieve unattended.
Mains Supply Direct Function	When the regulator failure or maintenance, it can supply the mains.
Protection function	Overvoltage; Undervoltage; Overcurrent; Short circuit; Phase loss; Reverse phase, etc.
Alarm and Silence Function	Once the fault occurs, the regulator will sound an alarm, press the button on the display surface it will be silenced.
Display	Colorful LCD display in English or Chinese menu, dynamic scan fault record, the display is beautiful and clear.
Working Status	Regulated state / mains status
Abnormal Indication	Overvoltage; Undervoltage; Overcurrent, phase sequence, lack of instructions
Optional Configuration	It has 232/485 interface, it can link to the remote communication module to achieve computer remote telemetry and remote control, various parameters can be set or modified
Automatic Power Supply Function	When regulator failure it can be automatically converted to the main power supply, never cause to stop running, if the control circuit system cannot automatically paralyzed to mains, it needs to through to force button or switch to convert to the mains power supply to prevent from power failure due to the fault of voltage stabilizer.

## NOTES:

1. Special input and output center voltage, like 3 phase 220V, 400V, 415V, etc, can be customized
2. Display: Ordinary meter type, LED or LCD display screen can be customized, please let us know when you place order

## APPLICATION :

SBW5 are widely used to laser machine, printing machine, and medical equipment, SBW5 are great acceptance by processing centers, industrial and mining enterprises, water conservancy and hydropower projects, oil fields, railways, construction sites, schools, hospitals, post and telecommunications, hotels. And used in electronic computers, precision machine tools, computer tomography, precision instruments, test equipment, elevator lighting, import equipment and production lines, etc.



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