

SBW/SBW-F

Three Phase Servo Motor Automatic Voltage Regulator

30KVA-3000KVA



The SBW/SBW-F Series Three-Phase Automatic Compensation Voltage Stabilizer, designed with advanced European technology, is customizable for different regional needs. It ensures stable output voltage during external grid fluctuations or load changes.

Main advantages include high capacity, efficiency, no waveform distortion, and stable voltage regulation. It offers two adjustment modes:

SBW series Without Independent Phase Control: ideal for balanced three-phase loads, this model ensures overall voltage stability with a simple design and low maintenance costs.

SBW-F series With Independent Phase Control: best for unbalanced loads, this model independently regulates each phase, providing precise voltage stability in complex power grid environments.

The SBW/SBW-F series stabilizer is widely applied in the field of industry, agriculture, transportation, telecommunications etc, ensuring efficient equipment operation in various scenarios.

• Technical Parameter

Specification		50KVA	60KVA	80KVA	100KVA	150KVA	200KVA	250KVA	300KVA	350KVA
Input	Phase	3-phase 4-wire								
	Voltage	AC 304V-456V								
	Frequency	50Hz/60Hz								
Output	Voltage	AC 380V ±3%								
	Capacity	40KW	48KW	64KW	80KW	120KW	160KW	200KW	240KW	280W
	Frequency	50Hz/60Hz								
Protection	Low voltage	318V ±7V								
	Over voltage	426V±7V								
	Time Delay	3-6s/3-6 min Selectable								
	Overload / short circuit	MCB/MCCB								
Packaging	Pcs per Carton	1								
	Net Wt.(kg)	/	210	/	260	/	430	/	/	/
	Shipping Wt.(kg)	/	220	/	280	/	450	/	/	/
	Package dimensions (mm)	600*750*1330		620*850*1440		750*1000*1750		900*1100*1790		1100*1000*1790
Efficiency	AC-AC	98%								
Acoustic	Noise level	≤50dB								
Environment	Temperature	-15℃ to +45℃								
	Humidity	20% to 90%								

Specification		400KVA	500KVA	600KVA	800KVA	1000KVA	1200KVA	1500KVA	3000KVA
Input	Phase	3-phase 4-wire							
	Voltage	AC 304V-456V							
	Frequency	50Hz/60Hz							
Output	Voltage	AC 380V ±3%							
	Capacity	320KW	400KW	480KW	640KW	800KW	960KW	1200KW	1600KW
	Frequency	50Hz/60Hz							
Protection	Low voltage	318V ±7V							
	Over voltage	426V±7V							
	Time Delay	3-6s/3-6 min Selectable							
	Overload/ short circuit	MCB/MCCB							
Packaging	Pcs per Carton	1							
	Net Wt.(kg)	740	1050	1090	1835	2335	/	/	/
	Shipping Wt.(kg)	765	1075	1115	1860	2360	/	/	/
	Package dimensions (mm)	1100*1000*1790	1400*1100*2060		(1680*1300*1800)*2			(1680*1300*1800)*3	(1680*1300*1800)*6
Efficiency	AC-AC	98%							
Acoustic	Noise level	≤50dB							
Environment	Temperature	-15℃ to +45℃							
	Humidity	20% to 90%							



• Product Appearance

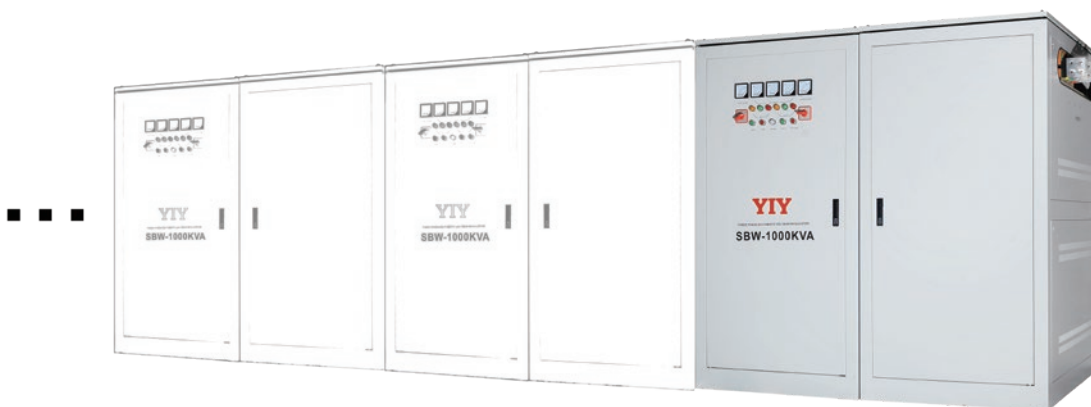
SBW/SBW-F



50KVA~300KVA



350KVA~600KVA



800KVA~3000VA

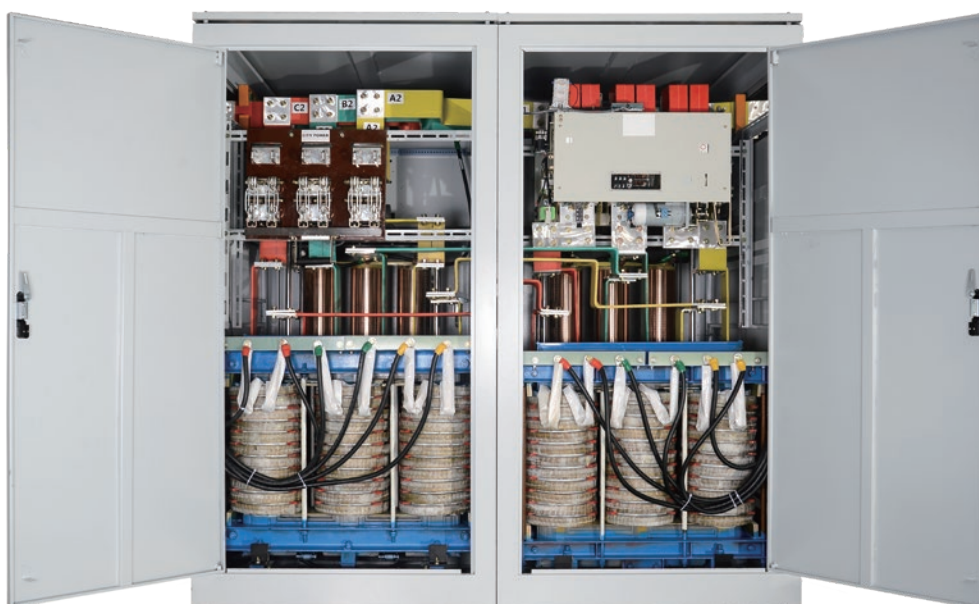
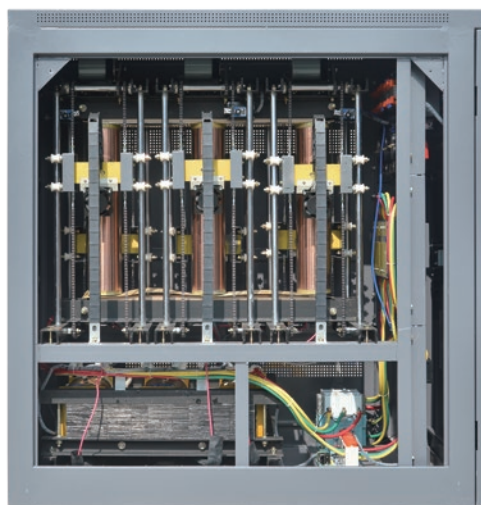
*800KVA/1000KVA/1200KVA:Cabinet*2. 1500KVA:Cabinet*3 3000KVA:Cabinet*6

SBW/SBW-F Outdoor





• Internal Structure



*Different specifications have different layouts