

SBW SERIES Full Automatic Voltage Stabilizer/AVR 50 - 600KVA

SPECIFICATION SHEET



INTRODUCTION

SBW series full automatic AC voltage regulator stabilizer is designed with compensating transformer of high primary to secondary ratio for voltage correction of $\pm 20\%$, servo motor and auto controlled circuit. Excellent performance in voltage sensitive application. When the supply voltage of the distribution power grid fluctuates or the load changes, the voltage regulator will stabilize the output voltage automatically. Humanized design with LCD digital indication, easy to operate. Due to its stable working performance and high cost-efficient feature, it is widely used in CNC machine, precision machinery and equipment, laser machinery, printing Equipment, etc



FEATURES

- Servo Motor Controlled, high load ability
- Wide Input Voltage Range
- With Fan For Air Cooling
- Quick Response to Voltage Fluctuations
- High Efficiency
- Manual Bypass
- LCD Display For Easy Monitoring
- Full Protections
- High Reliability
- Strong Surge Resistance
- No Waveform Distortion
- Wide Applications

TECHNICAL PARAMETERS

Nominal Capacity	50KVA	80KVA	100KVA	120KVA	150KVA	200KVA	250KVA	300KVA	400KVA	500KVA	600KVA
Technology	Servo motor control system										
Input Voltage	380V ± 20%, or customized										
Output Voltage	380V ± 2% / 400V ± 2% / 415V ± 2%										
Phase	Three-phase, four wires										
Frequency	50Hz/60Hz										
Response Time	<1 sec. (against 10% input voltage deviation)										
Accuracy	2%										
Efficiency	>98%										
Power Factor	0.8										
Protection	Over Voltage, Under Voltage, Phase Failure, Over Load, Over Current, Short Circuit, Manual Bypass										
Waveform Distortion	No additional waveform distortion										
Insulation Level	Level H, 180°C										
Ambient Temperature	0C~45°C										
Relative Humidity	0~90% (Non-condensing)										
Cooling Method	Forced ventilation (Fan)										
Dimensions (L*W*H)mm	660*850*1100				660*950*1240			1100*800*1930		1100*800*2200	
Net Weight (Kg)	360	400	430	450	500	590	670	880	940	1480	1670

- Dimensions and weight subject to change without notice
- Custom-made specifications are acceptable