

AVR SBW

# 10K-300K

3 Phase Servo Motor

SBW three phase servo motor type automatic voltage stabilizer is a traditional automatic voltage regulator based on servo motor transformer and carbon brush regulation. CPU control based integrated circuit board adopt seperative regulation of each phase in order to achieve maximum voltage balance of three phase output. SBW series is a mature design AVR with very good competitive edge in cost. SBW series is ideal for application on electrical equipments such as production lines, lift, automation equipments, laser equipments, industrial robots, medical equipments air conditioner, all kinds Of electrical home appliances and others in factories, transportation system, telecommunication system, railway system, medical equipments, commercial lighting etc.



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#### SPECIFICATIONS

MODEL	10K	20K	30K	50K	60K	80K	100K	150K	200K	250K	315K
Capacity	10KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	150KVA	200KVA	250KVA	315KVA
Technology	Servo Motor Type										
Phase	Three Phase										
Input Voltage	380V/400V/415V±20% (Wider range is available subject to special request and higher cost)										
Output Voltage	380V/400V/415V										
Output Precision	3%										
Frequency	50Hz/60Hz										
Crest Factor	3:1 (max)										
Efficiency	>96%										
Isolation Grade	Grade A										
Dielectric Strength	AC 2000V/1min no flashover, no break down										
Response speed	0.1s										
Waveform Distortion	<0.1% output waveform distortion, No Incremental Harmonic										
Temperature rising	Net Temperature rising: <60 °C										
Regulation Method	Separative regulation of each phase, automatic balance phase output										
Display	Digital LED display, display real time phase voltage										
Wiring	Three phase four wire (A,B,C Neutral, Grounding)										
Protection	Overload, High Voltage, Low Voltage, Short Circuit, Over Heat Protection, Lack phase Protection, Bypass Function										
Cooling Method	Intelligent Cooling Fan										
Operation Temperature	-5 °C~40 °C										
Relative Humidity	<90%										
Dimension(cm)	350x 500x 470	380x 500x 710	350x 620x 680	450x 750x 780	500x 1100x 800	500x 1100x 850	600x 1200x 1100	750x 1400x 1150	800x 1500x 1200	800x 1500x 1200	900x 1800x 1300
Gross Weight(kgs)	35	80	120	180	220	250	350	410	450	480	550

The above specifications are based on factory standard specifications, customized designs are available subject to confirmation.