

SBW-F Series

» AC. Automatic Voltage Regulator/Stabilizer

Industrial-grade Split-phase Regulating Servomotor Column type AVR, Three Phase

► Features

SBW-F series three phase split-adjustable full automatic compensated power voltage regulator, this products is three sets of single phase voltage stabilizer composed, and base on SBW series products improvement of voltage stabilizer, applicant to when input three phase voltage unbalance or power network fluctuation and unbalance load current fluctuation, it can keep output three phase voltage in steady state automatically balance, also can keep stable voltage adjustment, output-keep high precision etc. virtue, therefore, it has more power and more reliability.

► Applications

It's widely used in post and telecommunications, department stores, elevators, hospitals, schools, printing, securities and other occasions where all needs normal voltage to ensure, such as workshop, mines, medium enterprises, some of the important equipment and computer power and support.

► Main Technical Datas

Phase no.	Three-phase four wire system
Input voltage	Phase voltage: 220V ± 20% (176~264V), line voltage: 380V ± 20% (304~456V) (If input voltage ± 25% required by customers, please specify when ordering.)
Output voltage	Phase voltage: 220V, line voltage: 380V
Output accuracy	± 2~5% adjustable(Default: 3%)
Frequency	50Hz/60Hz
Efficiency	>95%
Response time	≤ 1.5s(against 10% input voltage deviation)
Ambient temperature	-10°C~+40°C
Relative humidity	<95%
Insulation resistance	≥ 2MΩ
Withstand voltage	2000V/min.
Overload	Double rated current, one min.
Waveform distortion	No additional waveform distortion
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.

Note: The above specifications are based on 380VAC/3Phase, for 3Phase 220V/230V/400V/415/440VAC etc. can be customized.

► Craft Images



◆ All specifications subject to change without notice.

► Order Specifications



30KVA/40KVA/50KVA/60KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10°C ~ +40°C
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	120 × 91 × 148
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



Analog/Digital meter optional



80KVA/100KVA/120KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10°C ~ +40°C
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	114 × 96 × 170
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



150KVA/180KVA/200KVA/250KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10°C ~ +40°C
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	124 × 96 × 185
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



300KVA/350KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10°C ~ +40°C
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	134 × 96 × 185
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		

◆ Custom-made specifications are acceptable

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400KVA/450KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	149 × 116 × 200
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



500KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	149 × 116 × 200
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



600KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	149 × 116 × 200
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



800KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	174 × 136 × 211
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



1000KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	174 × 136 × 211
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



1200KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	174 × 136 × 211
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



1600KVA/2000KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	125 × 125 × 228 * 4 cabinets
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		



2500KVA/3000KVA

Input voltage	380V±20% or ±25%(customized)	Ambient temperature	-10℃ ~ +40℃
Output voltage	380V	Efficiency	> 95%
Accuracy of voltage	±2~5% adj.(Default: 3%)	Overload	Double rated current, one min.
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1.5s	Package size W × D × H(cm)	135 × 135 × 238 * 4 cabinets
Insulation resistance	≥ 2MΩ	Qty per pkg(unit)	1
Protection function	With split-phase regulating system, bypass(city power)system, over-voltage, over-current, over-load, time-delay, machine fault, phase sequence & surge(optional) etc.		

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