Key Features


SBW150K

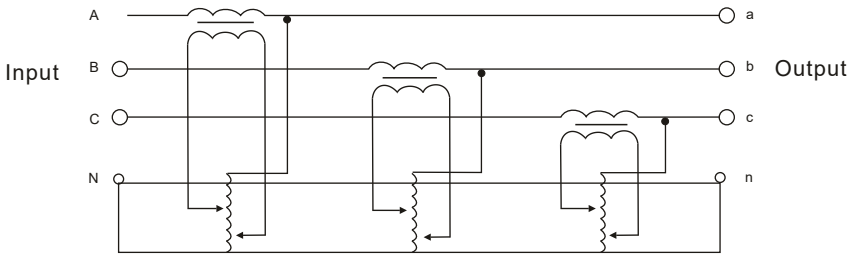
- Compensated voltage stabilizer, Voltage regulator
- Single Phase 50KVA-200KVA , Three Phase 50K to 3000KVA
- High efficiency, no waveform distortion, stable voltage control
- Accuracy of output voltage: 2-5% (adjustable)
- With switch for manual or automatic operation
- Protection for over voltage, over current, phase shortage and automation protection, etc
- SBW Three-phase unified adjustment, SBW-F Three-phase separate adjustment
- Three-phase Separately-regulating and phase-sequence mistake optional
- Smart LCD display is option for parameter display and setup
- Three-phase Separately-regulating must need N wire input

Technical Specifications

Input Voltage	DBW Single phase : L+N 220 / 110V ±20% or ±30% , SBW Three Phase 3PH+N =380V ±20% or 30% or 3PH+G=220V ±20% or 30% (Please specify when ordering)
Output Voltage	Single phase L+N=220V or 110V . Three Phase A+B+C+N+G=380V or A+B+C+G=220V
Stabilization Accuracy	2-5% (can be adjusted.)
Frequency	50Hz / 60Hz
Wave Form Distortion	No addictive wave form distortion
Efficiency	≥95%(Power grade is over 50KVA)
Debug Time	≤1.5S (in the condition that the external voltage changes is 10%)
Electric Intensity	The voltage for electrical strength and power frequency sinusoidal is 2000V without breakdown and flashover when lasts 1 minute.
Overload Capacity	It can last 1 minute at the rated current of two times (Only for special-use stabilizers of lifts and CT).
Voltage Over Voltage	Phase Voltage 246V or 123V ±4V
Ambient Temperature	from -10 to +40℃
Temperature Rise	Lower than 60℃
Protective Function	It offers the protections against over voltage, over current, and mechanical failure.
Dielectric Strength	1500V/min
Insulation Resistance	2MΩ

Model		Output Current (A)	Product Size (mm)	N.Weigh (kg)	Package Size (mm)
DBW Single Phase	DBW-50K	227	800*620*1230	210	860*700*1390
	DBW-60K	273	800*620*1230	220	860*700*1390
	DBW-70K	318	800*620*1230	235	860*700*1390
	DBW-80K	364	800*620*1230	245	860*700*1390
	DBW-100K	455	850*620*1390	350	910*700*1550
	DBW-120K	545	850*620*1390	370	910*700*1550
	DBW-150K	682	850*620*1390	410	910*700*1550
	DBW-180K	818	1000*700*1600	430	1060*780*1760
	DBW-200K	909	1000*700*1600	460	1060*780*1760

Model		Output Current (A)	Product Size (mm)	N.Weigh (kg)	Package Size (mm)
SBW Three Phase	SBW-50K	76	800*620*1230	220	860*700*1390
	SBW-60K	91	800*620*1230	235	860*700*1390
	SBW-80K	121	800*620*1230	247	860*700*1390
	SBW-100K	152	850*620*1390	315	910*700*1550
	SBW-120K	182	850*620*1390	340	910*700*1550
	SBW-150K	227	850*620*1390	390	910*700*1550
	SBW-180K	273	1000*700*1600	440	1060*780*1760
	SBW-200K	303	1000*700*1600	480	1060*780*1760
	SBW-225K	341	1000*700*1600	520	1060*780*1760
	SBW-250K	379	1100*800*1800	640	1160*880*1960
	SBW-300K	445	1100*800*1800	680	1160*880*1960
	SBW-320K	485	1100*800*1800	750	1160*880*2060
	SBW-350K	530	1100*800*1800	860	1160*880*2060
	SBW-400K	606	1100*800*1800	900	1160*880*2060
	SBW-450K	682	800*1000*1900	920	860*1060*2060
	SBW-500K	768	1000*1100*2000	1150	1060*1180*2160
	SBW-600K	909	1100*1200*2050	1400	1160*1280*2210
	SBW-800K	1212	800*1000*1950（3）	1800	860*1080*2060
	SBW-F1000K	1515	800*1000*1950（3）	2400	860*1080*2060
	SBW-F1200K	1818	850*1100*2150（3）	2900	910*1180*2310
	SBW-1600K	2424	1200*1300*2100（3）	3100	1260*1380*2260
	SBW-F1800K	2727	1200*1300*2100（3）	3600	1260*1380*2260
	SBW-F2000K	3030	1300*1400*2200（3）	4000	1360*1480*2360
	SBW-F2500K	3790	1300*1400*2200（3）	4500	1360*1480*2360
	SBW-F3000K	4450	1300*1500*2300（3）	5000	1360*1580*2460



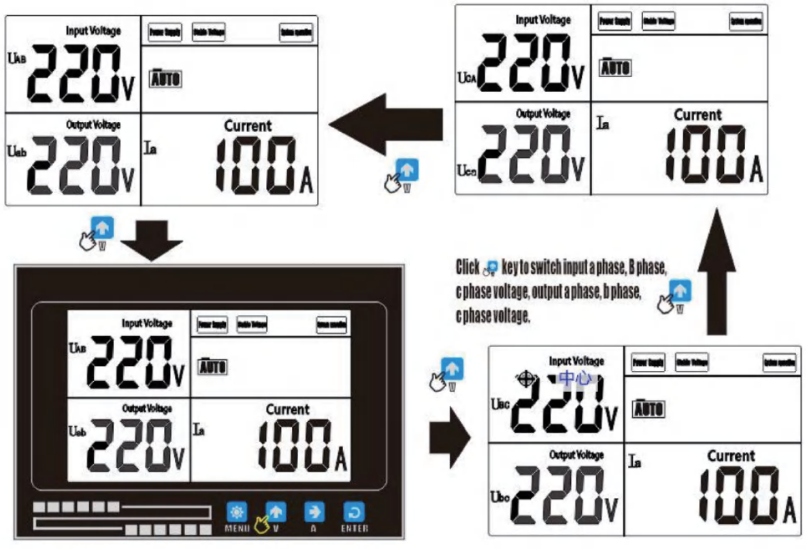
Three phase Design sketch



SBW80K



SBW Inside



Smart 7 inch LCD Display



SBWF 800