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VOLTAGE STABILIZER



概述 APPLICATION

DBW-D/SBW-ZN 数字系列单、三相全自动补偿式电力稳压器是适用于当外界的供电网络电压波动或负载变化而造成电压波动时，能自动保持输出电压稳定。本系列产品与其它形式的稳压器相比，具有容量大、效率高、无波形畸变、电压调节平稳等优点，适用负载广泛，能承受瞬时超载，可长期连续工作，手动、自动切换，设有过压保护、缺相、相序保护及机械故障自动保护，本机体积小，重量轻，使用安装方便，运行可靠等优点。

DBW-D/SBW-ZN Digital display series single, three phases full automatic compensated power voltage stabilizer appliance to when the power network voltage fluctuates or the load current varies, it can keep output voltage in steady state automatically. Compared with other voltage stabilizers, it has the advantage of large capacity, high efficiency, no wave distortion, stable voltage adjustment, suitability for kinds of loads. Bearing instantaneous overload, working continually for long time, as well as free transferring between manual control and automatic control, etc. Besides, it is provided with protection against over-voltage, over current, phase failure and protection for phase sequence and has following merits: small volume, light weight, convenient installation and reliable running and so on.

使用场合 USE SITUATION

广泛用于邮电、商场、电梯、医院、学校、印刷、纺织、证券等所有需要正常电压保证的场合及大、中型工矿企业车间，部分供电及重要设备和配套。

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.

产品性能 SPECIFICATIONS

输入电压 input voltage	单相: 220V ± 20% 或 220V ± 30% (订货时需要说明) Single Phase 220V ± 20% or 220V ± 30% (order time make remark) 三相四线: 380V ± 20% 或 380V ± 30% (订货时需要说明) Three phases Four-line: 380V ± 20% or 380V ± 30% (order time make remark)
输出电压 Output voltage	单相: 220V(相电压) Single phases: 220V(Phase Voltage) 三相: 380V(线电压) Three phases: 380V(Line Voltage)
输出精度 Output deviance	2-5% (可调 Adjustable)
频率 Frequency	50Hz/60Hz
效率 Efficiency	>95% (功率等级50kVA以上) (Power > 50kVA)
响应速度 Response time	≤1.5S (当外界电压变化10%) ≤1.5S when input voltage fluctuation of 10%
环境温度 Ambient temperature	-10℃ ~ +40℃
绝缘电阻 Insulation resistance	>5MΩ
过载能力 Overload	二倍额定电流, 维持1分钟 Double rated current, keeping one min.
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
市电功能 Bypass	人工启动 By hand
十大保护功能 Ten protection functions	过压保护, 过载保护, 相序保护, 缺相保护, 欠压保护, 过温保护 浪涌保护, 旁路保护, 短路保护, 过流保护 over-voltage protection, overload protection, phase sequence protection, phase loss protection, under-voltage protection, over-temperature protection, surge protection, bypass protection, sampling protection, over-current protection

产品型号、规格、尺寸、重量

MODEL\SPEC\SIZE\WEIGHT

型号规格 Model	额定功率 Rated Capability (KVA)	输出最大电流 Output Max current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
DBW-D-20K	20	91	65x54x135	283
DBW-D-30K	30	136	65x54x135	310
DBW-D-40K	40	182	65x54x135	330
DBW-D-50K	50	227	80x54x130	360
DBW-D-60K	60	273	80x54x130	380
DBW-D-70K	70	318	80x54x130	400
DBW-D-80K	80	364	80x54x130	430
DBW-D-100K	100	454	85x62x145	480
DBW-D-120K	120	545	90x70x170	510
DBW-D-150K	150	682	90x70x170	530
DBW-D-180K	180	818	100x80x190	570
DBW-D-200K	200	909	100x80x190	600

产品容量(功率)、电压可以根据用户要求订做。产品尺寸仅供参考, 请以实物为准。

产品型号、规格、尺寸、重量

MODEL\SPEC\SIZE\WEIGHT

型号规格 Model	额定功率 Rated Capability (KVA)	输出最大电流 Output Max current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
SBW-ZN-30K	30	45	80x54x135	260
SBW-ZN-50K	50	76	80x54x135	350
SBW-ZN-60K	60	91	80x54x135	370
SBW-ZN-80K	80	121	80x54x135	400
SBW-ZN-100K	100	152	85x60x150	420
SBW-ZN-120K	120	182	85x60x150	500
SBW-ZN-150K	150	227	100x70x170	550
SBW-ZN-180K	180	273	100x70x170	570
SBW-ZN-200K	200	303	100x70x170	630
SBW-ZN-225K	225	341	110x70x180	660
SBW-ZN-250K	250	397	110x80x180	700
SBW-ZN-300K	300	455	110x80x200	740
SBW-ZN-320K	320	485	110x80x200	760
SBW-ZN-400K	400	606	100x80x200/2柜	1100
SBW-ZN-500K	500	758	100x80x200/2柜	1500
SBW-ZN-600K	600	909	100x80x200/2柜	2200
SBW-ZN-800K	800	1212	85x110x200/3柜	2800
SBW-ZN-1000K	1000	1515	85x110x200/3柜	3500
SBW-ZN-1200K	1200	1818	85x110x200/3柜	4100
SBW-ZN-1600K	1600	2424	120x120x220/4柜	5560
SBW-ZN-2000K	2000	3030	130x120x220/4柜	7100

产品容量(功率)、电压可以根据用户要求订做。产品尺寸仅供参考, 请以实物为准。





概述 APPLICATION

SBW-F系列三相分调式全自动补偿电力稳压器，基于三个单相稳压器组成且是SBW系列产品加以改进的稳压器，适合三相电压输入不平衡的电网和电网波动或负载电流变化时，三相输出能自动平衡，保持电压调节平稳且稳压器输出精度高等优点。

SBW-F series three phase sub-adjustable full automatic compensated power voltage regulator, This products is three sets of single phase voltage stabilizers composable and base on SBW series products improvement of voltage stabilizer applied 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 ect virtue.

使用场合 USE SITUATION

广泛用于邮电、商场、电梯、医院、学校、印刷、纺织、证券等所有需要正常电压保证的场合及大、中型工矿企业车间，部分供电及重要设备和配套。

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.

产品性能 SPECIFICATIONS

输入电压 Input voltage	单相: 220V ± 20% 或者 220V ± 30% (订装时要注明) Single Phase 220V ± 20% or 220V ± 30% (order time make remark) 三相四线: 380V ± 20% 或者 380V ± 30% (订装时要注明) Three phases Four-line 380V ± 20% or 380V ± 30% (order time make remark)
输出电压 Output voltage	单相: 220V(相电压) Single phases: 220V (Phase Voltage) 三相: 380V(线电压) Three phases: 380V (Line Voltage)
输出精度 Output deviance	2~5% (可调 Adjustable)
频率 Frequency	50Hz/60Hz
效率 Efficiency	≥ 95% (功率等级 50kVA 上) (Power > 50kVA)
响应速度 Response time	≤ 1.5S
环境温度 Ambient temperature	-10℃ ~ +40℃
绝缘电阻 Insulation resistance	≥ 5MΩ
过载能力 Overload	二倍额定电流，维持1分钟 Double rated current, keeping one min
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
旁电功能 Bypass	人工手动 By hand
保护功能 Protect	过压、过流，其它功能另注明像缺相、相序、浪涌、滤波 Overvoltage, overcurrent, other protect function when make order time need make remark, lack phase, feed phases, surge, filter ect



产品型号、规格、尺寸、重量

MODEL\SPEC\SIZE\WEIGHT

型号规格 Model	额定功率 Rated Capability (KVA)	输出最大电流 Output Max current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
SBW-F-30K	30	45	110x85x137	380
SBW-F-50K	50	76	110x85x137	450
SBW-F-75K	75	114	115x90x200	500
SBW-F-100K	100	152	115x90x200	540
SBW-F-120K	120	182	120x100x185	600
SBW-F-150K	150	226	120x100x185	650
SBW-F-180K	180	273	120x100x195	750
SBW-F-200K	200	303	125x100x195	800
SBW-F-225K	225	341	125x100x195	860
SBW-F-250K	250	379	125x100x195	875
SBW-F-300K	300	445	135x100x195	970
SBW-F-320K	320	485	135x100x195	990
SBW-F-350K	350	530	135x100x195	1200
SBW-F-400K	400	606	150x85x200/2case	1430
SBW-F-450K	450	682	150x85x200/2case	1600
SBW-F-500K	500	768	150x85x200/2case	1820
SBW-F-600K	600	909	150x85x200/2case	2000
SBW-F-800K	800	1212	85x110x200/3case	2180
SBW-F-1000K	1000	1515	85x110x200/3case	2370
SBW-F-1200K	1200	1818	85x110x200/3case	2670
SBW-F-1600K	1600	2424	120x120x220/4case	3800
SBW-F-2000K	2000	3030	120x120x220/4case	4800
SBW-F-3000K	3000	4450	120x120x220/4case	7000



SBW-F-800KVA

产品容量（功率），电压可以根据用户要求订做。产品尺寸仅供参考，请以实物为准。



概述 APPLICATION

SVR, AVR系列豪华型单相高精度全自动交流稳压器, 是SVC (TND) 系列产品基础上外形加以改进的稳压器。它秉承了SVC (TND) 产品优良性能, 使用的塑料面板更具有外形优美, 重量相比较轻, 且在保护性能有过压保护, 欠压保护选择及开机延时时间长短选择等优点, 是种经济实惠, 性价比高的产品。

SVR, AVR Series luxurious type single phase high precision full automatic voltage stabilizer not only bears all characteristics of SVC(TND) series products, but also outline improvement and has advantages of luxurious appearance. this series products is adopt plastic panel and outline very good to see. the weight is light, strong protection functions like over-voltage and under-voltage protection besides it is provided with selection for delay time it is really an economical product with ratio of performance and price.

使用场合 USE SITUATION

办公设备、测试设备、医疗设备、工业自动化设备、家用电器、照明系统、通讯系统。
 For office equipment, test equipment, medical equipment, industrial automation equipment, household appliance, lighting system, communication system, etc.

产品性能 SPECIFICATIONS

输入电压 Input voltage	160V-250V (motor type) 90V-270V or 110V-270V or 150V-260V (relay type)
输出电压 Output voltage	220V $\pm$ 3% AND 110V $\pm$ 6% (0.5kVA-3kVA) 220V $\pm$ 3% (5kVA) 220V $\pm$ 5% or 220V $\pm$ 8% (relay type)
工作频率 Frequency	50Hz/60Hz
调整时间 Adjusting time	< 1秒 (输入电压变化10%时) < 1sec (when input voltage fluctuation of 10%)
效率 Efficiency	> 90%
过压保护 Over-voltage protection	246 $\pm$ 4V (2k-5k motor type) or all relay type
环境温度 Ambient temperature	-10°C ~ +40°C
相对湿度 Relative humidity	< 90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因数 Load power factor	0.8
电气强度 Dielectric strength	1500V/min
绝缘电阻 Insulation resistance	$\geq$ 2M Ω

产品型号、规格、尺寸、重量

MODEL\SPEC\SIZE\WEIGHT

型号规格 Model Spec(kVA)	产品尺寸 Dimension (cm)	包装尺寸 Package Dimension (cm)	重量 N.W/G.W (kg)	装箱数量 QTY (PCS) 20'FT
SVR-500W	18x19x15	43x24x35/4	3/3.2	3100
SVR-1000W	18x19x15	43x24x35/4	3.45/3.6	3100
SVR-1500W	20x22x16	50x28x40/4	5/5.3	2000
SVR-2000W	27.5x23.5x18.5	34x32x50/2	8/8.5	1029
SVR-3000W	27.5x23.5x18.5	34x32x50/2	12/13	1029
SVR-5000W	23.5x33x23.5	33x40x31.5/1	18/19	673

产品容量 (功率)、电压可以根据用户要求订做。产品尺寸仅供参考, 请以实物为准。



SVR-1000VA



SVR-5000VA



SVR-500VA



AVR-660VA

概述 APPLICATION

SVC (TND) 系列单相高精度全自动交流稳压器, 由接触式自耦调压器、伺服式电动机、自动控制电路等组成。当电网电压不稳定或负载变化时, 自动采样控制电路发出信号使伺服电动机调整自耦调压器碳刷的位置, 使输出电压调整到额定值并达到稳定状态。

本产品具有波形不失真、性能可靠、可长期运行等特点, 设有延时、过压、欠压等保护功能。可广泛用于任何需要稳定电压的用电器, 是种理想的稳压电源。确保您的用电设备正常运行。

SVC(TND) SERIES single phase high precision full automatic ac voltage regulator composable of contact auto voltage regulator, servo motor, automatic control circuit, etc. When the power network voltage fluctuates or the load varies, automatic sampling control circuit will send signal to drive the servo motor which can adjust the position of carbon brush of auto voltage regulator, then, the output voltage will be adjusted to rated value and get a steady state. This series voltage stabilizer no wave distortion, reliable performance, working continually for long time. Besides, it is provided with short time and long time delay and over voltage protection, under voltage protection also can be set according to user requirement. This product is an ideal stabilized voltage supply widely used in any locations requiring electricity and ensures your power device can run normally.

产品性能 SPECIFICATIONS

输入电压 Input voltage	160V-250V
输出电压 Output voltage	220V $\pm$ 3% AND 110V $\pm$ 6% (0.5kVA-3kVA) 220V $\pm$ 3% (5kVA-3kVA)
频率 Frequency	50Hz/60Hz
调整时间 Response time	< 1秒 (输入电压变化10%时) < 1sec (when input voltage fluctuation of 10%)
效率 Efficiency	> 90%
环境温度 Ambient temperature	-10°C ~ +40°C
相对湿度 Relative humidity	< 90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因数 Load power factor	0.8
绝缘电阻 Insulation resistance	> 2M Ω

产品型号、规格、尺寸、重量

MODEL\SPEC\SIZE\WEIGHT

型号规格 Model	产品尺寸 Outline (cm) 长(L)x宽(W)x高(H)	净重 Weight (kg)	台数 Qty/package
SVC(TND)-0.5K	19x16x14	4	4
SVC(TND)-1K	21x19x17	5.5	4
SVC(TND)-1.5K	21x19x17	5.8	4
SVC(TND)-2K	29x24x20	10	2
SVC(TND)-3K	29x24x25	12	2
SVC(TND)-5K (台式 desk)	36x22x29	15	2
SVC(TND)-7K (台式 desk)	36x22x29	16.5	2
SVC(TND)-10K (台式 desk)	42x24x36	27	2
SVC(TND)-15K	42x38x76	64	1
SVC(TND)-20K	42x38x76	70	1
SVC(TND)-30K	45x43x87	95	1
SVC(TND)-5K (立式 vertical)	32x28x48	17	1
SVC(TND)-10K (立式 vertical)	36x28x51	36	1

产品容量 (功率)、电压可以根据用户要求订做。产品尺寸仅供参考, 请以实物为准。



SVC-500VA



SVC-3000VA



TND-10KVA

概述 APPLICATION

SBW-PN系列三相高精度全自动交流稳压电源,由单相SBW-PN系列高精度自动稳压电源组合而成,三相分相调节,保证各相电压稳定安全,电网输入为三相四线制,星形(Y形)接法,输出可用三相四线制或三相三线制,由三只电流表分别指示各相的输出电流,由一只7位转换开关或者只按钮开关和一只电压表换挡检测各SVC(TNS)Series three phase high precision full automatic ac voltage stabilizer is composable of SVC (TND)high precision single phase full automatic ac voltage stabilizer three phase individually sub-adjustable,insure each phase voltage stabilization and safe The incoming power of the power networks three phases four wires star shaped(Y)connection output power can use three phases four wires or three phase three wire there is three electric meters to indicate output each phases separately, and via a seven rotary switch & a voltage meter to shift testing each phase output line voltage and phase voltage or via a push-button switch testing output A,B,C voltage.

产品性能 SPECIFICATIONS

输入电压 Input voltage	Phase voltage 160V-250V Wire voltage 277V-430V
输出电压 Output voltage	Phase voltage 220V Wire voltage 380V
工作频率 frequency	50Hz/60Hz
调整时间 Adjusting time	<1秒(输入电压变化10%时) <1sec(when input voltage fluctuation of 10%)
效率 Efficiency	>90%
环境温度 Ambient temperature	-10℃~+40℃
相对湿度 Relative humidity	<90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因素 Load power factor	0.8
绝缘电阻 Insulation resistance	>2MΩ

产品容量(功率)、电压可以根据用户要求订做。

产品型号、规格、尺寸、重量

MODEL\SPEC\SIZE\WEIGHT

型号规格 Model	输出功率 Output power(KVA)	产品尺寸 Outline(cm) 长(L)×宽(W)×高(H)	净重 Weight(kg)
SBW-PN-6K	6	360*280*680	29
SBW-PN-9K	9	380*320*780	43
SBW-PN-15K	15	440*360*780	68
SBW-PN-20K	20	460*410*730	78
SBW-PN-30K	30	460*410*730	96
SBW-PN-40K	40	460*410*730	102
SBW-PN-50K	50	550*450*1090	148
SBW-PN-60K	60	550*450*1090	154
SBW-PN-80K	80	620*490*1230	165
SBW-PN-90K	90	620*490*1230	174
SBW-PN-100K	100	620*490*1230	174

产品容量(功率)、电压可以根据用户要求订做。产品尺寸仅供参考,请以实物为准。



SBW-PN-30KVA



SBW-PN-60KVA

概述 APPLICATION

TSD系列伺服式交流稳压器是在SVC系列产品的基础上重新完善设计的产品,具有延时、过压、欠压保护,市电、稳压自动转变等优良功能,采用挂壁式安装,能有效拓展和利用空间,外形色调柔和,给人以焕然新之感。

TSD Series servo-motor type ac voltage stabilizer on the base of SVC series products to improve redesign products, possess delay, over/under voltage protect, also have bypass and stabilization automatically change good function, adopt on wall mounting installation development and effective space, the pastelohaded app-aranace make an impression a good new feeling.

使用场合 USE SITUATION

广泛应用于家庭、医院、办公室工业自动化等需要稳压的场合。
Widely used in home, hospitals, office, industry automatic ect need stabilizer location

产品性能 SPECIFICATIONS

输入电压 Input voltage	160V-250V
输出电压 Output voltage	220V ± 3% 110V ± 6%
效率 Efficiency	50Hz/60Hz
调压速度 Response time	>7.5V/S
调整时间 Adjusting time	<1S(when input voltage fluctuation of 10%)
过压保护电压 overvoltage protect	246 ± 4
欠压保护电压 Undervoltage protect	184V ± 4
环境温度 Ambient temperature	-10℃~+40℃
相对湿度 Relative humidity	<90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因素 Power factor cosφ	0.8
延时时间(长或短) delay time(long or short)	3~5分钟(长延时) 3~5秒(短延时) 3~5min(long delay) 3~5sec(short delay)
使用方式 Use model	可连续使用 Continuance
绝缘电阻 Insulation resistance	>5MΩ

外形尺寸、包装 OUTLINE & PACKING

型号规格 Model	输出功率 Output power(KVA)	产品尺寸 Outline(cm)			净重 Weight(kg)
		长(L)	宽(W)	高(H)	
TSD-3K	3	38	25	15	14
TSD-5K	5	40	28	17	20
TSD-7K	7	40	28	17	25.5
TSD-8K	8	45	33	21	32
TSD-10K	10	45	33	21	37

产品容量(功率)、电压可以根据用户要求订做。产品尺寸仅供参考,请以实物为准。



TSD-3000VA



TSD-5000VA



TSD-7000VA

概述 APPLICATION

JJW系列精密净化交流稳压电源,采用了国际先进的正弦能量分配程式的电源调节技术,代表了交流稳压技术的最新发展水平。其电路由正弦能量分配器和大功率滤波器并联组成。具有稳压精度高、动态响应速度快、过载能力强、可靠性好、抗干扰能力强、效率高、可长期连续工作、使用寿命长等优点,是取代614系列电子式稳压器和磁饱和稳压器的理想换代产品。特别适用于电网工程、电子仪器设备、医疗设备、科研单位、测试、测量设备、工厂校验台等设备配套使用。它能提供一个安静、安全可靠的良好的工作环境。

JJW series precise purifying AC Power Supply adopts the power regulation technology of sine energy distribution formula, which is advanced in the world and represents the latest development of AC stabilizing technology. Its circuit is composed of sine energy distributor and large power wave filter by paralleling. It has the advantages as high accuracy and large power wave filter by paralleling, high efficiency, successively working for long period and long service time etc. It is an ideal replacement for the 614 series electronic voltage stabilizer and magnetic saturating voltage stabilizer, and can provide a quiet and reliable working environment.



JJW-2000VA

产品性能 SPECIFICATIONS

输入电压 Input voltage	180V-260V
输出电压 Output voltage	220V $\pm 1\%$
频率 Frequency	50Hz $\pm 2\text{Hz}$
负载效应 Load effect	$\leq \pm 0.5\%$
过压保护电压 Overvoltage protect	246V ± 4
电气强度 Dielectric strength	1500V/min
环境温度 Ambient temperature	-10°C ~ +40°C
温升 Temperature rise	< 70%
波形失真 Waveform distortion	< 5%
负载功率因素 Load power factor	0.8
延时时间 delay time	3-5秒(短延时) 3-5sec(short delay)
使用方式 Use model	可连续使用 Continuance
绝缘电阻 Insulation resistance	> 5M Ω
相对湿度 Relative humidity	< 95%
响应时间 Response time	20ms-100ms(185V-250V)
尖峰吸收 Spike voltage absorption	输入500V-13us 输出 < 5V Input 500V 13 μ S Output

型号规格、外形及包装尺寸

TYPE/SPEC. OUTLINE&PACKING SIZE

型号与规格 Type/Spec	产品尺寸(cm) Products Size	包装尺寸(cm) Package Size	净重/毛重(kg) N.W/G.W
JJW-1kVA	33x17x27	40x24x35/1	12.5/13
JJW-2kVA	38x18x31	47x25x37/1	19/19.5
JJW-3kVA	41x20x33	52x31x43/1	26/26.5
JJW-5kVA	46x23x37	57x34x38/1	35/36
JJW-10kVA	51x27x47	61x39x56/1	57/63
JJW-15kVA	66x28x27	78x40x58/1	73/85
JJW-20kVA	68x28x47	78x40x58/1	99/102
JJW-30kVA	81x46x59	94x60x70/1	100/114

产品容量(功率)、电压可以根据用户要求订做。产品尺寸仅供参考,请以实物为准。



JJW-15KVA

概述 APPLICATION

JSW系列精密净化三相交流稳压电源是由JJW系列单相电源通过“星形”接法组合而成,因此具有单相电源的全部优点,是生产企业、科研单位和医疗卫生领域、各种测试设备、测量设备、电子仪器设备配套的理想稳压电源。广泛应用于计算机、通讯、办公等需要稳压供电的场合。

JSW series precise purifying ac power supply is composed of by JJW series single phase with "star-shaped" connection, so it possesses the advantage of the single phase power supply. It is an ideal regulated power supply for all kinds of test and measurement device, electronic equipments in production enterprise, research institute, medical and health fields.



JSW-9KVA

产品性能 SPECIFICATIONS

输入电压 Input voltage	310V-430V
输出电压 Output voltage	380V $\pm 1\%$
频率 Frequency	50Hz $\pm 2\text{Hz}$
负载效应 Load effect	$\leq \pm 0.5\%$
过压保护电压 Overvoltage protect	425V ± 5
电气强度 Dielectric strength	1500V/min
环境温度 Ambient temperature	-10°C ~ +40°C
温升 Temperature rise	< 70%
波形失真 Waveform distortion	< 5%
负载功率因素 Load power factor	$\geq 95\%$
延时时间 delay time	3-5秒(短延时) 3-5sec(short delay)
使用方式 Use model	可连续使用 Continuance
绝缘电阻 Insulation resistance	> 5M Ω
相对湿度 Relative humidity	< 95%
响应时间 Response time	20ms-100ms(185V-250V)
尖峰吸收 Spike voltage absorption	输入500V-13us 输出 < 5V Input 500V 13 μ S Output

产品性能 SPECIFICATIONS

型号与规格 Type/Spec	输出功率(kVA) Output power	产品尺寸(cm) Outline Size	净重(kg) N.W
JSW-1kVA	6kVA	45x34x65	55
JSW-6kVA	6kVA	47x40x85	80
JSW-9kVA	9kVA	47x40x85	105
JSW-15kVA	15kVA	55x44x90	128
JSW-20kVA	20kVA	58x48x98	150
JSW-30kVA	30kVA	58x48x98	180
JSW-50kVA	50kVA	65x70x116	240
JSW-80kVA	80kVA	70x58x130	250
JSW-100kVA	100kVA	70x58x130	380
JSW-125kVA	125kVA	70x58x130	410

产品容量(功率)、电压可以根据用户要求订做。产品尺寸仅供参考,请以实物为准。



JSW-30KVA

概述 APPLICATION

直流稳定电源是由隔离变压器、整流滤波电路、进口集成控制电路、功率管或模块调整电路所组成，具有体积小、重量轻、性能稳定可靠等优点，电压从零起连续可调，可串联或者并联使用直流输出纹波小，稳定度高，稳压稳压自动转换，限流式过流，短路保护和自动恢复功能，是大专院校、工业企业、科研单位及电子维修人员理想的直流稳压电源。

The adjustable DC regulator power source is composed of isolation transformer, rectification filter circuit, imported integrated control circuit, power tube or modular regulating circuit, with the advantage of small volume, light weight, stable performance etc. the voltage can be adjustable from zero continuously, it can be used by paralleling or in series, it has the functions of small DC output wave, high stability, auto changeover of the constant current and voltage, limited over-current, short-circuit protection and self-recovery, it is ideal of regulator power source for colleges and universities, research institutes and electrical repairman.



WYJ-802

适用范围 USE SITUATION

适用于电子仪器设备，电器维修，实验室，电镀电镀，测试，测量设备，工厂电器设备配套使用。

It is suitable in electronic instruments, electrical maintenance laboratory, electrolysis and electroplating, measurement and test device, factory electrical equipment etc.



17-802(Digital meter)



1700-902



WYJ-902(Digital meter)

技术参数 TECHNICAL DATA

输入电压 Input voltage	220V, ±10%
输出电压 Output voltage	DC0-15V, 0-30V, 0-60V连续可调(固定输出可微调) Continuous adjustable(fixed output trimming)
额定电流 Rated current	1A, 2A, 3A, 5A, 10A, 15A, 20A, 25A, 30A, 40A, 50A, 100A
电流调整率 Electric current adjustable rate	1%
频率 Frequency	50/60Hz
源效应 Power source effect	VC ≤ 1*10 ⁻⁴ ± 0.5mV CC ≤ 1*10 ⁻³ ± 0.3mA
负载效应 Load effect	CV ≤ 1*10 ⁻⁴ ± 1mV CC ≤ 1*10 ⁻³ ± 5mA
纹波与噪声 Wave & Noise	≤ 1mV rms
纹波抑制比 Ripple rejection ratio	65Db
保护方式 Protection	电流限流式过流保护及短路保护 Limited over-current protection and short-circuit protection
限位保护 Limit protection	自动复位 Auto start
环境温度 Ambient temperature	-10℃ ~ +40℃
相对湿度 Relative humidity	< 80%

有单路、双路和三路输出。特殊规格可订货定制

one-way, two-way and three-way output are available special specification can be made according to orders.

注意事项:

红端正极，黑端负极，GND接接地。

将电压选择开关调至使用电压最小范围内，如使用电压是9V，应将选择开关调至10V内使用，将电压调至使用额定电压，如需要精确值，请用精密测量仪器校二台同规格仪器率联使用，其输出电压为二台输出电压之和，也可并联使用。

Red end is positive electrode, black end is cathode, GND is grounding. Set the voltage selection switch in the usage voltage smallest scope, if the usage voltage is 9V, the selection switch should be in 10V, within the rated voltage, if needs the precise value, please use the precision measurement instrument calibrate. Two same specifications instruments uses in series, the output voltage is the sum of two output voltages it also can be used in parallel.

概述 APPLICATION

TDGC、TSGC系列调压器是新型产品，外形为四边型，小手柄该系列调压器具有外形美观、结构合理、波形不失真、体积小、重量轻、效率高、使用方便、运行可靠等特点，其性能更为优越。

TDGC、TSGC series contact regulator (Variable transformer) is a new type products outline is quadrangle and small handwheel, this series contact regulator with good appearance, rational construction, no waveform distortion, small size, high efficiency, easy use, reliable operation and other characteristics of it is superior.

型号及其含义 Type and designation



使用场合 USE SITUATION

该系列调压器可广泛用于工业（如化工、冶金、仪器仪表、机电制造、轻工等），科学实验公用设备、家用电器中，以实现调压、控温、调速、调光及功率控制等目的，是种理想的交流调压器。

This kind regulator can be applied in industry, scientific experiment, public facilities and domestic appliances to achieve the goal of voltage regulating, temperature controlling, light regulating, power controlling and so on.

主要技术参数 Technical Parameters of Product

规格型号 Type	额定容量 Rated Capacity (kVA)	相数 Phase No.	额定频率 Frequency (Hz)	额定输入电压 Input voltage (V)	输出电压范围 Output voltage (V)	额定输出电流 Rated Output Current (A)
TDGC-0.2	0.2	1	50	220	0-250	0.8
TDGC-0.5	0.5	1	50	220	0-250	2
TDGC-1	1	1	50	220	0-250	4
TDGC-2	2	1	50	220	0-250	8
TDGC-3	3	1	50	220	0-250	12
TDGC-5	5	1	50	220	0-250	20
TDGC-10	10	1	50	220	0-250	40
TDGC-15	15	1	50	220	0-250	60
TSGC-3	3	3	50	380	0-430	4
TSGC-6	6	3	50	380	0-430	8
TSGC-9	9	3	50	380	0-430	12
TSGC-15	15	3	50	380	0-430	20
TSGC-30	30	3	50	380	0-430	40

产品容量（功率）、电压可以根据用户要求订做。产品尺寸仅供参考，请以实物为准。

注：调压器绝缘等级：调压器绝缘等级为B级，触点显示温度（用半导体点温计法测量）不超过90℃。
Note: Regulator insulation grade is B grade, carbon brush contact point restrict no more 90 degree (use semiconductor thermometer method measure)



TDGC2-1KVA



TDGC2-15KVA



TSGC2-9KVA

概述 APPLICATION

TDGZ、TSGZ系列单、三相大功率电动柱式调压器，是我公司结合市场需求自行开发设计生产的大功率柱式调压器新产品，以满足广大用户的需求。柱式电动调压器具有输出电压波形不失真（输出电压波形畸变率增量 $<1\%$ ），柱式电动调压器采用电动操作机构，可以闭环远距离操作，减轻操作劳动强度。输出电压可从零电压起始调节，瞬时过载能力强，空载电流、空载损耗小，效率高、噪音小、寿命长。适宜各种感性、容性、电阻负载使用等特点。

TDGZ and TSGZ series single-phase and three-phase high power post type voltage regulator is a kind of new product developed and designed by our company according to the market demand to satisfy users demands. The waveform of output voltage of this voltage regulator will not distort (distortion rate increment of the output voltage waveform is $<1\%$), adopts electric operating mechanism, it can be closed remote control, to reduce work intensity and the output voltage can be adjusted from zero. Besides, it also has advantages of strong instantaneous overload capability, no-load current, no-load low consumption, high efficiency, low noise, long service life etc. It is suitable for various inductive, capacitive and resistive loads.

使用场合 USE SITUATION

该产品适用于大电流情况下的调压、控温、调光、功率控制及大型实验室。This Series applied to big current and heavy load situation voltage regulation, temperature controlling, communication system, test equipment, light adjusting, and rectification equipment, etc.

规格、尺寸、重量 Specifications · size · weight

规格型号 Type	相数 Phase No.	额定容量 Rated Capacity (kVA)	额定频率 Frequency (Hz)	额定输入电压 Input voltage (V)	输出电压范围 Output voltage (V)	额定输出电流 Rated Output Current (A)
TDGZ-16K	1	16	50/60	220V	0-250	64
TDGZ-20K	1	20	50/60	220V	0-250	80
TDGZ-25K	1	25	50/60	220V	0-250	100
TDGZ-32K	1	32	50/60	220V	0-250	128
TDGZ-40K	1	40	50/60	220V	0-250	160
TDGZ-50K	1	50	50/60	220V	0-250	200
TDGZ-63K	1	63	50/60	220V	0-250	252
TDGZ-80K	1	80	50/60	220V	0-250	320
TDGZ-100K	1	100	50/60	220V	0-250	400
TDGZ-120K	1	120	50/60	220V	0-250	480
TDGZ-150K	1	150	50/60	220V	0-250	600
TSGZ-25K	3	25	50/60	380V	0-430	33
TSGZ-32K	3	32	50/60	380V	0-430	43
TSGZ-40K	3	40	50/60	380V	0-430	53
TSGZ-50K	3	50	50/60	380V	0-430	67
TSGZ-63K	3	63	50/60	380V	0-430	84
TSGZ-80K	3	80	50/60	380V	0-430	107
TSGZ-100K	3	100	50/60	380V	0-430	134
TSGZ-120K	3	120	50/60	380V	0-430	159
TSGZ-160K	3	160	50/60	380V	0-430	215
TSGZ-200K	3	200	50/60	380V	0-430	269

产品容量（功率）、电压可以根据用户要求订做。产品尺寸仅供参考，请以实物为准。



概述 APPLICATION

感应调压器能在带负荷情况下，无级、平滑、连续地调节输出电压。主要用于电机电器试验、电炉控温、整流设备配套、发电机励磁等。在机械制造、化工、纺织、通讯、军工等行业得到广泛应用。

Induction voltage regulator can be loading cases, stepless, smooth, continuously adjust the output voltage. Mainly used for electrical appliances Test, electric furnace temperature control, rectifier equipment, Generator excitation, etc. in mechanical manufacture, chemical, textile, communications, military industry etc industry widely used.

产品特点 Product features

1. 无触点调节，使用寿命长；
 2. 适用于各种性质的负载；
 3. 过载能力强；
 4. 运行可靠，使用、维护方便。
1. the non-contact adjustment and long service life;
2. suitable for all kinds of the nature of the load;
3. strong overload capacity;
4. reliable running, convenient operation and maintenance.

产品型号 Product mode



油浸自冷感应调压器规格和性能参数

Oil-immersed self-cooling specifications and performance parameters of the induction voltage regulator

额定容量 The rated capacity (kVA)	相数 Number of phase	额定频率 The rated frequency (Hz)	额定输入电压 Rated to load The voltage (V)	输出电压范围 The output voltage range (V)	额定输出电流 Rated output current (A)	总损耗 The total loss (75°C) (W)	空载电流 No-load current A
50				0-650	35.5	2000	8.5
				0-420	68.7	2650	11.5
				0-500	57.7	2500	10.9
63				0-650	44.4	2360	10.3
				0-420	86.6	3150	14
				0-500	72.7	3000	13.2
80				0-650	56	2800	12.5
				0-420	110	3750	17.5
				0-500	92.4	3550	16.5
100				0-650	71.1	3350	15.5
				0-420	137	4500	21.2

产品容量（功率）、电压可以根据用户要求订做。产品尺寸仅供参考，请以实物为准。

