



BCN[®]

Uninterruptible Power Supply

SBW series

ZTY series



To provide good quality product and best service to the customer with strong commitment to the social and environmental responsibility

ZTY series 0.5 KVA-30KVA AC stabilized Power Supply

APPLICATION

Computers, test equipment, lighting systems, security systems, X-ray systems, communication systems, medical equipment, audio equipment, industrial automation equipment, color film development equipment, digital control machine tools, calibration equipment, TV sets, office appliances.

SBW series 50 KVA-320KVA AC stabilized Power Supply

APPLICATION

Post offices, stores, elevators, hospitals, schools, publishing houses, stock exchanges and other places where normal voltage is needed.

ZTY series 0.5 KVA-30KVA

AC stabilized Power Supply



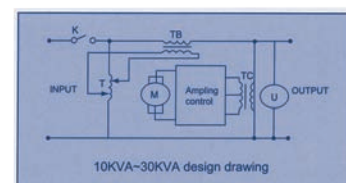
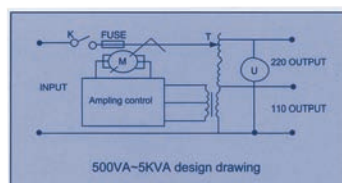
ZTY fully automatic A.C voltage stabilizer consists of contact voltage regulator, sampling control circuit and servo motor when input voltage or load changes, sampling control circuit will sample and amplify the voltage, and the servo motor will rotate in the desired direction, which turns the arm, adjusting voltage until the output voltage is regulated into the rated output voltage.

It is of small size, lightweight, less output waveform distortion and reliable performance. To guarantee its quality, foreign advanced technology and main parts are introduced and imported. It is widely used in electrical appliances which need constant voltage power supply, and in the fields of industry production, scientific research and medical hygiene.

FEATURES

1) High quality output voltage : the voltage stabilizer can work without interruption with balanced voltage regulating process and no temporary Beta topic phenomena, high accurate output voltage with $220V \pm 3\%$

- 2) Wide input voltage range and load compatibility characteristics.
- 3) Over voltage, under voltage and over current protection: It considerably guarantees the machine safety and effectively protects electric terminals.
- 4) Long working life: the employed high-breaking circuit breaker can Reliably protect overload and short circuit, the new developed and high-performance carbon brush, which name C1017, considerably prolongs the voltage stabilizer working life.
- 5) Display window: it can display over voltage, under voltage and over current status, so that the user expediently use the AVR.



ZTY series 0.5 KVA-30KVA Specification

Specication	ZTY Single Phase									ZTY Three Phase					
VA Rating	0.5KVA	1KVA	2KVA	3KVA	5KVA	10KVA	15KVA	20KVA	30KVA	3KVA	6KVA	10KVA	15KVA	20KVA	30KVA
Input															
Phase	Single Phase + N + GND									Three Phase + N + GND					
Voltage Range	160Vac - 250Vac									Line Voltage 277Vac - 433Vac					
Output															
Voltage Range	220V									380V					
Voltage Precision	$\leq \pm 3\%$														
Frequency	50/60 Hz														
Over-voltage Protection	Output Phase Voltage $250V \pm 5V$														
Low-voltage Protection	Output Phase Voltage $183V \pm 5V$														
Efciciency	$\geq 96\%$														
Other															
Display Model	LED Direction Light , Finger Voltage Diagram														
Input / Output Device	Optional Plug ; Socket / Terminal									Terminal					
Waveform Distortion	No afixation Waveform Distortion														
Response Time	$\pm 10\%$ Varies < 1s														
Insulation Resistance	$\geq 2M \Omega$														
Anti-electricity Intension	Low Frequency Sine Voltage 1500V Take 1 minute No Rout and Camber phenomena														
Ambient Temperature	$(-10^{\circ}C \sim +40^{\circ}C)$														
Relative Humidity	$\geq 95\%$														
Working	Continue														
Net Weight (kg)	4.3	4.8	8.2	9.5	15.2	31	53	59	91	14.5	35	37	51	58	95
Gross Weight (kg)	4.8	5.3	8.8	10.1	15.9	32	56	61.3	94.5	16.8	37.6	40	54.2	61.6	105

- All specifications subject to change without notice.
- Custom - made specifications are acceptable.

SBW series 50 KVA-320KVA

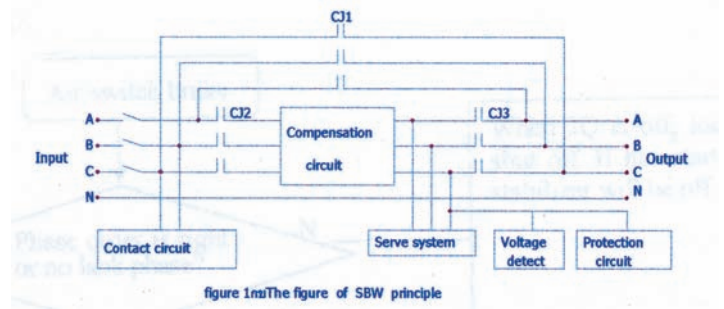
AC stabilized Power Supply



SBW series three-phase high-power full-automatic compensating powervoltage stabilizers are tailor-designed for stabilizing AC Current by importing and absorbing the advanced technology from Western Europe, and conforming to the situation in our country simultaneously. When the voltage fluctuation of outside power-supply network or the load change causes the voltage to be fluctuated, it can automatically keep the output voltage stable. Compared with the other stabilizers, the serial products have the advantages of large capacity, high efficiency, no waveform distortion, stable voltage control and so on. Furthermore, the serial stabilizers own the wide service load, the capacity for being the momentary overload, long-term continuous operation, the switching for manual an automatic operation, the protection against the over voltage, over current, phase shortage, phase-sequence and the automation protection, etc. So, they are widely used in the equipment of the large electromechanical, the metal processing, constructional engineering, embroidery textiles, and production flow-line, electrical life, medical apparatus and instruments, air-conditioner, broadcast

television, household appliances, lighting etc. In the line of industry, agriculture, transportation, post and telecommunications, military affairs, railway, scientific research culture and so on.

SBW-F Three-phase separately-regulating Electric Voltage Stabilizer, Fully-automatic & Compensated Type is a kind of modified SBW series product suitable for the electric network with unbalanced three-phase voltage input. It also can balance three-phase output automatically and keep the network operating in good condition during fluctuation of electrified wire netting and transformation of load current.



SBW series 50 KVA-320KVA Specification

Specication	SBW (Independent regulator voltage)				SBW (Dependent regulator voltage)				
	20KVA	30KVA	50KVA	100KVA	50KVA	100KVA	180KVA	225KVA	320KVA
VA Rating	20KVA	30KVA	50KVA	100KVA	50KVA	100KVA	180KVA	225KVA	320KVA
Input	Three Phase + N + GND								
Phase	Three Phase + N + GND								
Voltage Range	380V ± 20%								
Output	380V AC								
Voltage Range	380V AC								
Voltage Precision	≤ ± 3%				2%~5% (adjustable)				
Frequency	50/60 Hz								
Efciciency	≥95%								
Other	Overvoltage , overcurrent , loss of phase , phase - sequence and mechanical failure protection								
Protection	Overvoltage , overcurrent , loss of phase , phase - sequence and mechanical failure protection								
Noise (dB)	≤50								
Display Mode	LED Indicator Light ; Pointer voltmeter								
Input / Output Setting	Connection								
Waveform Distortion	No additional waveform distortion								
Response Time	≤ 1.5s (External voltage change 10%)								
Insulation Resistance	≥ 2M Ω								
Dielectric Strength	Low frequency sine voltage 1500 for 1 minute (without the phenomena of breakdown and ashover)								
Overload Capacity	120 % of rating current > 10s								
Ambient Temperature	(-10°C~+40°C)								
Relative Humidity	20% ~ 85%								
Working	Continuing Working								
Dimension (W×D×H)mm	485x730x1110	570x810x1410	620x990x1530	600x800x1520	700x900x1660	835x1100x1830	850x1100x1830	900x1240x2109	
Net Weight (kg)	160	185	245	410	280	415	645	765	945
Packing (W×D×H)mm	555x780x1160	640x860x1460	690x1040x1580	670x850x1570	770x950x1710	905x1150x1880	920x1150x1880	970x1290x2159	
Gross Weight (kg)	175	200	266	435	310	439	673	810	995

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