

TNS Series

Automatic Voltage Regulator

MAIN FUNCTION

- Super capacity, high precision
- Adopted compensate voltage technology
- Wide input voltage range
- Over voltage protection
- Output voltage three phase auto-balance(individual control)
- With bypass system



Technology : Servo voltage controller

Phase: THREE PHASE

Current Type: AC

Input voltage: 260V-450V(L-L)

Output voltage: 380V +/-3%

Protection: Over & under voltage

Name: Automatic Voltage stabilizers

Display: LCD Display

temperature protection

Frequency: 50Hz/60Hz

Noise level: ≤50dB

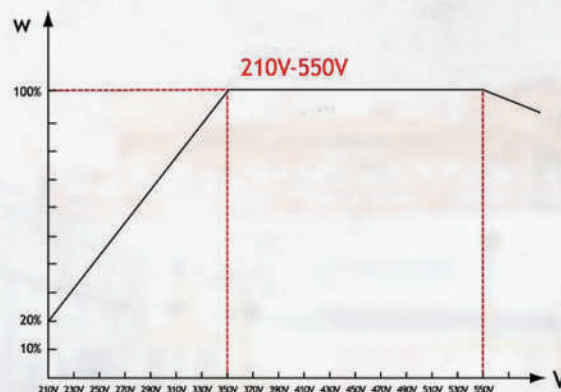
TECHNICAL PARAMETER

Specification		6KVA	10KVA	15KVA	20KVA	30KVA	45KVA	75KVA	100KVA	150KVA
Input	Phase	Three phase								
	Voltage	AC 260~450V								
	Frequency	50Hz/60Hz								
Output	Voltage	380V ± 3%								
	Frequency	50Hz/60Hz								
Protection	Under Volt.	318V ± 7V								
	Over Volt.	426V ± 7V								
	Over heat	Optional								
	Cooling system	Natural cooling system (Optional)								
	Short phase	Yes								
	Delay	3-7sec/3-7min selectable								
	By pass	AUTO/MANUAL OPTIONAL								
	Over load /short Circuit	Yes								
	Pcs per Carton	1								
Packaging	Shipping Wt.(kg)	28	29	26	51	50	110			
	Package Dimensions (mm)	525 × 350 × 445		530 × 350 × 460		430 × 430 × 865		570 × 560 × 915		

SBW Series

MAIN FUNCTION

- Super capacity, high precision
- Adopted compensate voltage technology
- Wide input voltage range
- Over voltage protection
- Output voltage three phase auto-balance
- With bypass system
- Analog, LED, LCD display



Voltage stabilisation	Independent phase control
PC selectable output voltage*	from 260 to 450V (L-L)
Frequency	50 / 60Hz \pm 5%
Admitted load variation	Up to 100%
Admitted load imbalance	100%
Cooling	Natural air ventilation. Up to 35°C aided with fans
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	95%
Admitted overload	200% 2 min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP21
Instrumentation	Input & output digital multimeter
Installation	Indoor
Overvoltage protection	<ul style="list-style-type: none"> - Class II output surgearrestor - Optimal voltage return through supercapacitors - in case of blackout



TECHNICAL PARAMETER

Specification		200KVA	250KVA	300KVA	400KVA	500KVA	600KVA	800KVA	1000KVA							
Input	Phase	Three phase														
	Voltage	304V-456V														
	Frequency	50Hz/60Hz														
Output	Voltage	380V \pm 3%														
	Frequency	50Hz/60Hz														
Protection	Under Volt.	318V \pm 7V														
	Over Volt.	426V \pm 7V														
	By pass	Yes (AUTO/MANUAL Optional)														
Packaging	Over load /short Circuit	Yes														
	Pcs per Carton	1								2						
	Shipping Wt.(kg)	240	280	330	480	780	850	950	1050	1180	1300	1400	1600	1860	2500	
	Package Dimensions (mm)	660 \times 1480 \times 890			750 \times 970 \times 1625			875 \times 1940 \times 1250			1355 \times 1060 \times 2270			1360 \times 1215 \times 2350		
Efficiency	AC-AC	>95%														
Acoustic	Noise level	\leq 50dB														
Environmental	Temperature	-5°C~45°C														
	Humidity	20% to 90%														