

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

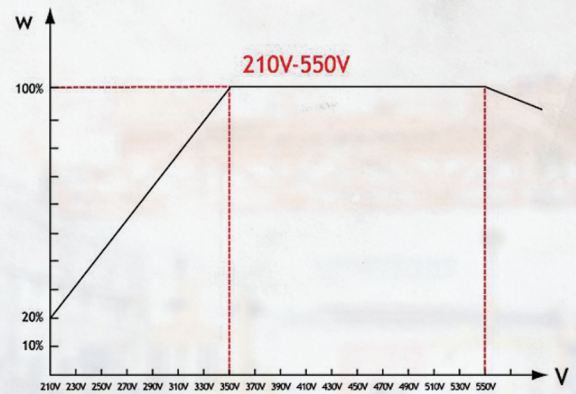
TECHNICAL PARAMETER

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								
Packaging	Pcs per Carton	1								
	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 ±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	- 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 ± 3%													
	Frequency	50Hz/60Hz													
Protection	Under Volt.	318V ± 7V													
	Over Volt.	426V ± 7V													
	By pass	Yes (AUTO/MANUAL Optional)													
	Over load /short Circuit	Yes													
Packaging	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 × 1480 × 890		750 × 970 × 1625		875 × 1940 × 1250			1355 × 1060 × 2270			1360 × 1215 × 2350			
Efficiency	AC-AC	>95%													
Acoustic	Noise level	≤50dB													
Environmental	Temperature	-5°C~45°C													
	Humidity	20% to 90%													