

# TNS Series Automatic Voltage Regulator

## Main Function:

1. Large capacity, high precision
2. Adopted compensate voltage technology
3. Wide input voltage range
4. Over voltage protection
5. Output voltage three phase auto-balance
5. (individual control)
6. With bypass system



Specification		TNS-1.5KVA	TNS-3KVA	TNS-4.5KVA	TNS-6KVA	TNS-9KVA	TNS-15KVA
Input	Phase	Three Phase					
	Voltage	260 VAC ~ 430 VAC					276VAC~430VAC
	Frequency	50Hz / 60 Hz					
Output	Voltage	380 / 220 VAC ±3%					
	Capacity	1.2 KW	2.4 KW	3.6 KW	4.8 KW	7.2 KW	12 KW
	Frequency	50Hz / 60 Hz					
Protection	Low Volt.	318 VAC ± 7V					
	Over Volt.	426 VAC ± 7V					
	Over heat	Optional					
	Cooling system	Natural cooling system (Optional)					
	Short phase	YES					
	Delay	3 - 7 sec/ 3 - 7 min selectable					
	By pass	AUTO/ MANUAL OPTIONAL					
	Over load /short circuit	YES					
Efficiency	AC ~ AC	>95%					
Acoustic	Noise level	≤50dB					
Environmental	Temperature	-5°C ~ 45°C					
	Humidity	20% to 90%					

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Specification		TNS-20KVA	TNS-30KVA	TNS-40KVA	TNS-60KVA	TNS-90KVA
Input	Phase	Three Phase				
	Voltage	276 VAC ~ 430 VAC		304 VAC ~ 456 VAC		
	Frequency	50Hz / 60 Hz				
Output	Voltage	380 / 220 VAC ±3%				
	Capacity	16KW	24 KW	32 KW	48 KW	72 KW
	Frequency	50Hz / 60 Hz				
Protection	Low Volt.	318 VAC ± 7V				
	Over Volt.	426 VAC ± 7V				
	Over heat	Optional				
	Cooling system	Natural cooling system (Optional)				
	Short phase	YES				
	Delay	3 - 7 sec/ 3 - 7 min selectable				
	By pass	AUTO/ MANUAL OPTIONAL				
	Over load /short circuit	YES				
Efficiency	AC ~ AC	>95%				
Acoustic	Noise level	≤50dB				
Environmental	Temperature	-5°C ~ 45°C				
	Humidity	20% to 90%				

