



# TRISTAB

Full Automatic Three Phase Servo Voltage Stabilizers  
3 - 150 kVA

ITA Power Voltage regulators are servo drive structure, microcontroller controlled heavy duty devices which regulates mains voltage for critical loads.



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## TRISTAB

Full Automatic Three Phase Servo Voltage Stabilizers 3 - 150 kVA



- TRISTAB series are three phase voltage stabilizers regulate mains voltage and bring many advantages.
- Non-linear charges drive
- 3 phase input 3 phase output
- Wide power and voltage interval
- Fast Regulation
- High reliability thanks to Microprocessor and Smart Driver
- High efficiency
- Load transfer to Bypass via pole change switch
- Safe and economic usage
- Overload protection
- Digitally displayed status, input & output measurements
- 2 years warranty
- 10 years spare parts support

# Technical Specifications

## FULL AUTOMATIC THREE PHASE SERVO VOLTAGE STABILIZERS 3 - 150 KVA

MODEL	TRI303	TRI306	TRI310	TRI315	TRI320	TRI330	TRI345	TRI360	TRI375	TRI3100	TRI3120	TRI3150
POWER KVA	3	6	10,5	15	22,5	30	45	60	75	100	120	150
REGULATOR INPUT												
In. Vol. Correct. Interval	190 - 485 VAC / 275 - 450 VAC / 310 - 450 VAC											
In. Vol. Working. Interval	155- 490 VAC											
Operation Frequency	47.... 65 Hz											
Line Input Protection	Overcurrent, Low and High voltage protection											
REGULATOR OUTPUT												
Output Voltage	380/400/415 vac rms ± 1%											
Overloading	10 Sec. % 200 Load											
Correction Speed	~ 90 Volt/Sec.											
Upturn Period	~ 90 Volt/Sec. ( 160 VAC - 260 VAC)											
Output Protection	Protects load by opening the circuit when overburden, short circuit occurs											
WORKING PRINCIPLE												
	Servo Motor, Microprocessor Controlled, Full Automatic											
GENERAL												
Cooling	Smart Fan System											
Measured Value Monitor.	DELTA TRUE RMS Panel Voltmeter (74x74mm) output voltage and line coltage monitorization											
Total Harmonic Distortion	-											
Total Efficiency	>%96											
Mechanical By- Pass	"Manually Controlled Line - PAKO SWITCH Selects Voltage Regulator" Switch Turn On/ Off											
Protection Level	IP 20/IP 25											
ENIRONMENTAL												
Working Temperature	- 10°C / 50 °C											
Storage Temperature	- 25°C / +60 °C											
Relative Humidity	<% 90, DIN (40040)											
Acoustic Altitude	- 3000 m.											
Acoustic Level	<50 dB (1 metersquare)											
Documents	CE // TUV Austria Hellas (ISO 9001)											
DIMENSIONS (cm)												
HxWxD (cm)	110x50x44					119x60x44		140x85x64			163x90x69	
Weight (kg)	75	90	125	135	154	181	227	330	356	456	520	600

\* When output voltage is aduste on 3 x 360 VAC, output power will be reduced to 90%  
 (S) Identify long run models  
 Product specifications may be subject to change without notice