



MONO STAB

Full Automatic Single phase Servo Voltage Stabilizers

1 - 50 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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MONO STAB

Full Automatic Single phase Servo Voltage Stabilizers 1 - 50 kVA



- MONO STAB series are Single Phase phase voltage stabilizers regulate mains voltage and bring many advantages.
- Non-linear charges drive
- 1 phase input 1 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 (Optional)
- Digitally displayed status, input & output measurements
- 2 years warranty
- 10 years spare parts support

Technical Specifications

FULL AUTOMATIC SINGLE PHASE SERVO VOLTAGE STABILIZERS 1 - 50 KVA

MODEL	MONO11	MONO12	MONO13	MONO15	MONO17	MONO10	MONO115	MONO120	MONO125	MONO130	MONO140	MONO150
POWER kVA	1	2	3	5	7.5	10	15	20	25	30	40	50
REGULATOR INPUT												
In. Vol. Correct. Interval	110-240/160-260/180-260 VAC											
In. Vol. Working. Interval	90 - 285 VAC											
Operation Frequency	47.... 65 Hz											
Line Input Protection	Overcurrent, Low and High voltage protection											
REGULATOR OUTPUT												
Output Voltage	220/230/240 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)												
	27 x 45 x 35				27 x 55 x 35		32 x 60 x 40		85 x 50 x 50		85 x 50 x 60	
Weight (kg)	15	18	29	41	48	55	75	125	136	163	180	200