

MST33 Series

Multi-Tap Autotransformer,
Microprocessor Control System
Static Voltage Stabilizers



STATIC VOLTAGE
STABILIZER
30-3000kVA
Three Phase / Three Phase



- Input Voltage 155 - 490VAC 3 Phase
- Input Frequency 50Hz
- Output Voltage Tolerance $\pm 2\%$
- Regulation Rate 5000 V / Sec
- Efficiency >97%
- Operating Temperature 0°C - 40°C
- Overload 20 ms for 500% Over load
- Fast Regulation Modul
- 200Volt * 50Hz = 10.000 Volt/Second
- Improvable Output Regulation Structure
- Reading Power Parameters
- Modular Card Structure
- No Need Maintenance. It is Completely Static
- Beginning Failure Doesnt Exist.
- Ability to Work Under Whatever With $\cos \phi$ Load
- Ability to Discriminate Non-Linear Load and Short Circuit
- In the Case of Short Circuit It Prevents Blowing of Fuse
- Reoperating From Short Circuit

1000kVA • 2000kVA • 3000kVA

MODEL																									
Capacity (kVA)		30	45	60	75	90	100	120	150	180	200	250	300	400	500	600	800	1000	1250	1600	2000	2500	3000		
INPUT																									
In. Vol. Correct. Interval		275~400VAC																							
Operation Frequency		47~65Hz																							
Line Input Protection		Overcurrent Thermic Fuse and Sudden Overburden Protection																							
OUTPUT																									
Output Voltage		380VAC RMS ±3%																							
Overloading		10Sec. 200% Load 500% Load 20ms																							
Correction Speed		~5000Volt/Sec.																							
Upturn Period		20ms																							
Output Protection		Short Circuit, Overburden, Overcurrent Electronic Protection, Protects Load Via Opening Control																							
WORKING PRINCIPLE		Microprocessor Controlled, Full Automatic, Static, Semi Conductor Electronic Structure Maintenance Free																							
CONTROL PANEL																									
Display and Buttons		Display Screen																							
Alert Message		Input Low/ Hi, Output Low/ Hi, Over Temperature (Smart Fan System)																							
Meas. Value Monitorization		Output Voltage, Network Voltage																							
Out. Up. Protect. Limit		Standard																							
Out. Sup. Protect. Limit		Standard																							
Regulation Voltage		Standard																							
GENERAL																									
Total Efficiency		>97% (Full Load)																							
Mechanical Bypass		“Manually Controlled Line-PAKO SWITCH Selects Voltage Regulator” Switch Turn On/Off																							
Protection Level		IP21																							
ENVIRONMENTAL																									
Working Temperature		-10°C~50°C																							
Storage Temperature		-25°C~60°C																							
Relative Humidity		<90%, DIN (40040)																							
Working Altitude		<2000m																							
Acoustic Level		<50dB (1metersquare)																							
Documents		CE//TÜV Austria Hellas (ISO 9001)																							
OTHERS																									
Dimension (mm)	Width	600		630		710				600		600		700		700	900	900	1400	1400					
	Depth	450		450		520				700		1100		800		1200	1000	1200	1500	1500					
	Height	100		1100		1270				1720		1720		1850		1850	1950	1950	1750	2050					
Weight (kg)		115	155	196	210	250	265	295	310	340	380	1150	1250	1500	2000	2500	2750	3500	3750	4500	5500	7000	8500		

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