

# MST 1 Phase Static Voltage

Static Voltage Stabilizer / Single Phase Input - Single Phase Output

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MODEL	MST	MST	MST	MST	MST	MST	MST	MST	MST	MST	
Power	2 kVA	3 kVA	5 kVA	7,5 kVA	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA	50 kVA	
Power Factor	0.90										
<b>INPUT</b>											
Input Voltage	220 VAC 1 Faz (Phase) + N (230 VAC Optional)										
Input Voltage Tolerance	160 V AC - 260 V AC (90 - 280 V AC optional)										
Input Frequency	50 Hz. (60 Hz. ops.) $\pm$ %5										
Input Connection	Plug		Suitable terminal								
<b>OUTPUT</b>											
Output Voltage	220 VAC 1 Faz (Phase) + N (230 VAC Optional)										
Output Voltage Tolerance	$\pm$ %2 ( $\pm$ %1 opsiyonel / optional)										
Output Current	8 A	12 A	20 A	30 A	40 A	61 A	81 A	122 A	164 A	205 A	
OverLoad Electronical protection controlled by microprocessors	101% - 125% Load 3 min. 126% - 150% Load 10 sec. 151% Load Output Off in 0.2 Sec.										
Output Frequency	50 Hz. (60 Hz ops) $\pm$ %5										
Regulation Speed	500 V / sn										
Efficiency	Min. - % 97										
Output Connection	Plug		Suitable Terminal								
LCD Display	With 2x16 Character LCD Display: Input Voltage, Output Voltage, % Output Load, Output Frequency, Regulator Condition and Failure Infos, Overload, Over Temperature, Input Failure warning ext. .										
Communication	RS-232 Communication Port and SNMP Monitoring Port and Software (optional)										
<b>PROTECTION</b>											
Output Voltage Protection	When Output Voltage Out of 200 V AC - 240 V AC Tolerance Values, Output off with contactor										
Current Protection	Fuse protection with MCB at input or output Electronical over current protection via microprocessors										
	Manuel by - pass for failure and maintenance (5 kVA and up)										
Surge Arrester	Suitable Surge Arrester unit for lightning and high voltage (optional)										
Filter	RFI filter or HARMONIC FILTER can be used to eliminate input high frequency noises and harmonic current (optional)										
Isolation Transformer	Input and output Isolation Transformer for special usage (optional)										
<b>GENERAL</b>											
Operating Temperature	-10 °C ~ +40 °C										
Altitude	2000 m										
Humidity	90 % non condensed										
Acoustic Noise	< 50 dB										
Dimension (WxDxH)-cm	20x37x36			25x40x43				33x76x76			
Weight (Kg)	30 Kg	35 Kg	50 Kg	55 Kg	60 Kg	75 Kg	90 Kg	110 Kg	130 Kg	150 Kg	