

MST Static Voltage Regulator 2000kVA - 3000kVA

www.mak-powersis.de

TECHNICAL SPECIFICATIONS

MODEL	MST - 33 2000kVA	MST - 33 3000kVA
Power	2000kVA	3000kVA
Power Factor	0.9	
INPUT	380VAC Three Phase +Neutral	
Input Voltage	380VAC F-F or 400VAC F-F	
Input Tolerance	275 VAC - 430 VAC (155 VAC - 500 VAC Optional)	
Input Frequency	50 Hz. (60 Hz. ops) +/- %5	
Input Connection	Suitable Terminal	
OUTPUT	380 VAC Three Phase +Neutral	
Output Voltage	380 VAC Three Phase +Neutral	
Output Tolerance	+/- %2 (+/- %1 optional)	
Output Current	3 x 2700A	3 x 4100A
Over Load (Electronic protection by microprocessor control)	% 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) +/- %5	
Correction Speed	500 V/sec	
Efficiency	Min.- %97	
Output Connection	Suitable Terminal	
LCD Display	With 2x16 Character LCD Display; Input Voltage, Output Voltage, % output Load, Output Frequency, Stabilizer Condition and Failure infos, Over Load, Over Temperature, Input Failure, Output Failure, Warning etc.	
Communication	Remote Monitoring with RS-232 and SNMP Unit (optional)	
PROTECTION	High&Low Voltage Protection at Output	
Output Voltage Protection	High&Low Voltage Protection at Output	
Current Protection	Fuse Protection with MCCB at Input or Output Electronical Over Current Protection with microprocessors	
By-Pass	Manuel By-Pass for Failure and Maintenance	
Surge Arrester	Suitable Surge Arrester unit for lightning and high voltage (optional)	
RFI Filter / Harmonic Filter	RFI or HARMONIC Filter can be used to eliminate input electrical noise and harmonic current (opt)	
Isolation Transformer	Input and Output Isolation Transformer(optional)	
GENERAL		
Temperature	-10 C - +40 C	
Altitude	3000 m	
Humidity	90 % non condensed	
Acoustic Noise	< 55 dB	
Dimension (WxDxH)	270cm x 95cm x 190cm	
Weight (Kg)	4000 Kg	5000 Kg

High Quality High Efficient for All Over the World

MAK+ Power Systems

www.mak-powersis.de / info@mak-powersis.de / Phone: +49 1747902498