


ST-MAK Series 80kVA Static Voltage Stabilizer <http://www.mak-powersis.de/80kva-frequency-converter.html>

INPUT	
Input Voltage	400 V AC Three Phase + Neutral (380 – 415 – 480 V AC Optional)
Input Voltage Tolerance	285V – 460V (Phase – NoTr) // -%25 / +%15 (Wide Range Optional)
Input Frequency	50 Hz. (60 Hz. Optional) + %5
Input Connection	Suitable Terminal
OUTPUT	
Output Voltage	400 V AC Three Phase + Neutral (380 – 415 – 480 V AC Optional)
Output Voltage Tolerance	+ %2 (+ %1 Optional)
Output Current	110A
Over Load	% 101 - %125 Load 3 Min. % 126 - %150 Load 10 Sec. % 151 - Load Output Off in 0,2 Sec.
Output Frequency	50 Hz. (60 Hz. Optional) + %5
Regulation Speed	500 V/sec.
Efficiency	> %97
Output Connection	Suitable Terminal
GENERAL	
LCD Display	With 4x16 character LCD Display: Input Voltage, Output Voltage, % Output Load, Output Frequency, Regulator Condition and Failure Info, Over Load, Over Temperature, Input Failure warning ext.
Communication	Through a software support and “Remote Management System”(RS-232 Communication port, Ethernet), the ability of monitoring and controlling
PROTECTION	
Output Voltage Protection	When Output Voltage out of 340 V AC - 420 V AC tolerance values, Output Off with Contactor
Current Protection	1- Fuse protection with MCB at Input or Output 2 – Electronic Over Current Protection Via 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 Filter / 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)
Operating Temperature	-10 oC ~ +40 oC (-15 oC ~ +55 oC Optional)
Altitude	< 3000 m
Humidity	% 90 non condensed
Acoustic Noise	< 50 dB
Dimension (WxDxH)	120cm x 120cm x 140cm
Weight	230Kg
OPTIONS	
Wide Input Voltage Range	Please let us know needed input voltage range
Output Temperature	-20 / +55 Celcius is Optional
Customized Solution	Harmonic Filter / IP21 / IP22 / IP31 / IP41 / IP55 / IP65