

MASTEREVS

|| 25 ÷ 150 kVA

Electromechanic three-phase Voltage stabilizer

Intro

MASTER-EVS is the series of three-phase electromechanical voltage stabilizers with microprocessor technology and servomotor. Powers from 25 kVA up to 150 kVA in standard version. Independent phase control and front panel display, MASTER-EVS stabilizers are the optimal solution for any type of user.

Applications

Motors with large inrush currents
Industrial processes
Water lifting pumps

Code	MAEVSK...
Power	25 ÷ 150 kVA
Input voltage	400 Vac 3-phase
Input voltage range	285 ÷ 440 Vac
Input voltage operation	225 ÷ 465 Vac
Input frequency	50 Hz – 60 Hz ± 10 %
Output voltage	400 Vac 3-phase ± 1 %
Regulation speed	70 ÷ 200 V/s
Output voltage	50 Hz – 60 Hz ± 10 %
Overload	150 % 1 s / 200 % 1 ms
Efficiency	Up to 98 %
Cooling	Temperature control system
Output protection	Short circuit, low-high voltage, overload, overtemperature, fault
Bypass	Manual
Display	LCD 2x16 RMS Voltage In/Out, % load, frequency
Temperature	0 / +40°C
Humidity	< 95 % without condensing
Noise	≤ 45 db / 1 mt
Altitude	< 3000 mt
Protection degree	IP20 external IP00 internal
Reference standard	EN62040-1-1, 93/68/EC, dir.73/23/EC, cl. A, dir EN50091-2 cl. A, dir 2004/108EC



25 ÷ 150 kVA

Code	Power KVA	Dim (WxHxD)	Weight Kg
MAEVSK 25	25	600x1190x440	170
MAEVSK 30	30	600x1190x440	170
MAEVSK 45	45	600x1190x440	220
MAEVSK 60	60	850x1400x640	350
MAEVSK 75	75	850x1400x640	380
MAVSK 100	100	750x1500x750	450
MAVSK 120	120	750x1500x750	550
MAVSK 150	150	750x1500x850	650
MAVSK200	200	1250x1500x750	1051
MAVSK 250	250	1500x1500x750	1150
MAVSK 300	300	1500x1500x750	1400
MAVSK 500	500	1700x2025x850	2400
MAVSK 600	600	1800x2025x900	2700
MAVSK 700	700	3000x2025x850	3000
MAVSK 800	800	3030x2025x1050	3500