

SMARTeVS

|| 3,5 ÷ 30 kVA

Electromechanic single-phase Voltage stabilizer

Introduction

SMART-EVS is the series of single-phase electromechanical voltage stabilizers with microprocessor technology and servomotor. Powers from 3,5 kVA up to 30 kVA.

Application

Motors with large inrush currents
Industrial processes
Water lifting pumps

Code	SMEVK..
Power	3,5 ÷ 30 kVA
Input voltage	230 Vac 1phase
Input voltage range	165 ÷ 255 Vac
Input voltage operation	130 ÷ 270 Vac
Input frequency	50 Hz – 60 Hz ± 10 %
Output voltage	230 Vac 1phase ± 1 %
Regulation speed	70 ÷ 200 V/s
Output voltage	50 Hz – 60 Hz ± 10 %
Overload	150 % 1 s / 200 % 1 ms
Efficiency	Fino al 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, EN50091-2 cl. A, dir 2004/108EC



25 ÷ 150 kVA

Code	Power KVA	Max. Current A	Dim. (WxHxD)	Weight Kg
SMEVK3.5	3.5	15	450x270x350	30
SMEVK5	5	20	450x270x350	41
SMEVK7.5	7.5	28	550x270x350	48
SMEVK10	10	40	550x270x350	57
SMEVK15	15	62	590x320x400	75
SMEVK20	20	80	500x850x500	120
SMEVK30	30	130	500x850x500	150