

◆ SINGLE PHASE FULLY AUTOMATIC SERVO VOLTAGE STABILIZER

GENERAL SPECIFICATIONS

- Omega series 1 phase in / 1 phase out (1-50 kVA)
- Omega series are Single Phase phase voltage stabilizers regulate mains voltage and bring many advantages.
- Non-linear charges drive
- 1 phase input 1 phase output
- Wide power and voltage interval
- Fast Regulation
- High reliability thanks to Microprocessor and Smart Driver
- High efficiency
- Load transfer to Bypass via pole charge switch



TECHNICAL SPECIFICATONS	
INPUT of REGULATOR	
Input Voltage Correction Range	150 VAC - 270 VAC Standard (other input bandwidth are optional)
Working Frequency	47...65 Hz
Line Input Protection	Low Voltage and Over Voltage Protection
OUTPUT of REGULATOR	
Output Voltage	220/230/240 VAC RMS ± 5
Overload	10 sec % 200 loads
Correction Speed	~90 Volt/sec
Output Protection	At short circuit, overload or overvoltage situations contactor opens the circuit and protects the load
OPERATIONAL PRINCIPAL	
	Servo motor, Micro controller unit, Full automatic
GENERAL	
Cooling System	Smart Fan System
Monitoring of Measured value	Monitoring the output and mains voltage with True RMS Panel Voltmeter
Total Harmonic Distortion	-
Efficiency	>% 95
Mechanical By-Pass	Manually controlled Line/Regulator Selectable Pako Switch
Protection Level	IP 20 (others optional)
ENVIRONMENT	
Operational Temperature	-10°C/+50°C
Storage Temperature	-25°C/+60°C
Relative Humidity	<%90 DIN (40040)
Altitude	<3000m
Acoustic Level	<50Db(1m ²)
Certificates	CE//Tüv Austria Hellas (ISO 9001), ISO14001 ,