

## ◆ 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

<b>INPUT of REGULATOR</b>	
Input Voltage Correction Range	160 VAC - 260 VAC Standard (other input bandwidth are optional)
Working Frequency	47...65 Hz
Line Input Protection	Low Voltage and Over Voltage Protection
<b>OUTPUT of REGULATOR</b>	
Output Voltage	220/230/240 VAC RMS $\pm$ 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
<b>OPERATIONAL PRINCIPAL</b>	
Servo motor, Micro controller unit, Full automatic	
<b>GENERAL</b>	
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)
<b>ENVIRONMENT</b>	
Operational Temperature	-10°C/+50°C
Storage Temperature	-25°C/+60°C
Relative Humidity	<%90 DIN (40040)
Altitude	<3000m
Acoustic Level	<50Db(1m <sup>2</sup> )
Certificates	CE//Tüv Austria Hellas (ISO 9001)