

◆ SINGLE PHASE 5-50KVA FULLY AUTOMATIC STATIC VOLTAGE STABILIZER

GENERAL SPECIFICATIONS

- ◆ Advanced Technology Product, Fully Digital Multi microprocessor control
- ◆ Thyristor Tap Changer
- ◆ Zero Transfer/No Distortion
- ◆ 20 millisecond response time
- ◆ 5000V/Second correction speed
- ◆ Overload, Overcurrent protection
- ◆ Over Voltage, Low Voltage Protection (Surge, Sag, Spike)
- ◆ Output Short-Circuit Protection
- ◆ EMI / RFI Noise Filter
- ◆ True RMS-Actual effective measurement and display order
- ◆ Graphic LCD Display
- ◆ Password Controlled User Parameter Settings Manual
- ◆ By-Pass (Standard) / Auto By-Pass (Optionally)
- ◆ Insulation transformer (optional)

- ◆ Compact Production
- ◆ Browser based remote management with ethernet connection
- MOD-BUS with RS485 connection (optional)
- ◆ Production with ISO9001-2008 quality management system



INPUT	TECHNICAL SPECIFICATONS	
Input Voltage Range	1P+N (130–270VAC)Standard 1P+N (80–300VAC) Optional	
OUTPUT		
Output Voltage	1P+N 220 VAC +/- % 1~3 Standard (%1~2)Optional (230V ve 240V optional)	
Process Control	Multi–MicroprocessorControl (DSPIC) SCR (Thyristor) Tap Changer–ZeroCurrent Switching Full Regulation at one cycle	
Control Types	Multi–MicroprocessorControl(DSPIC)	
Operation Frequency	50 Hz +/- %5 (60 Hz Adjustable)	
Efficiency	>% 97 (Under nominal conditions, full load)	
Operating temperature	Between –10C + 50 C range (special cooling unit)	
Protections	Passive and electronic protection (overvoltage, undervoltage, overcurrent,peak, surge, sag and spike protection)	
Display	Input Voltage, Output Voltage, Output Current, Load Percentage, Output Frequency, Regulator Status and Fault Information, Overload Warning, Input False Warning, Output False Warning, etc. with Graphic LCD Screen. information can be tracked.	
Communication	Dry Contact (Optionally; Ethernet / GPRS / USB / MODBUS TCP / IP)	
Filter	At the entrance of the system there is an electricity noise filtering specialfilter system and network filters.	
By Pass	Manuel By pass (Optionally; Auto By Pass)	
Relative humidity	% 90 (condensing)	
Acoustic Noise	Less than 50 dB (A)	
Protection Class	Ip 20 (Optionally; OutdoorCabins)	
Standarts	EN 62040–1, EN 62040–2	