



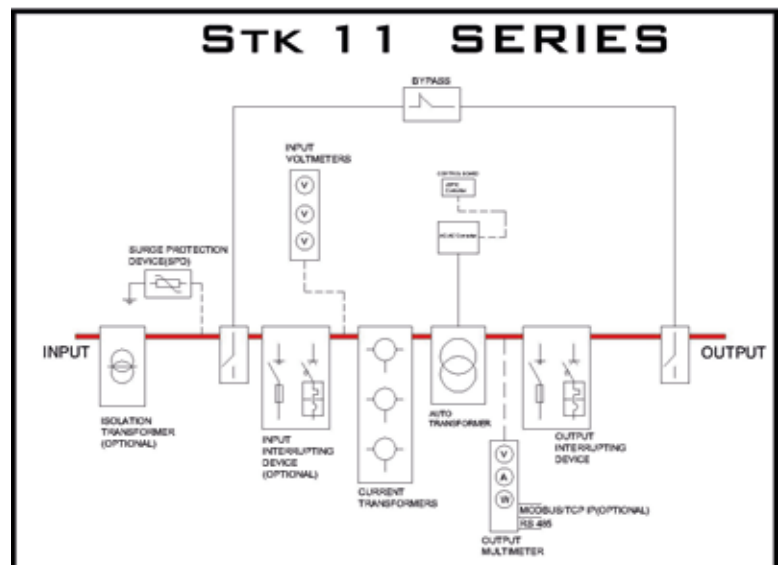
1 kVA

STK 11001 SERIE

FULL AUTOMATIC AC STATIC VOLTAGE STABILIZER

GENERAL SPECIFICATIONS

- Voltage control and stabilisation, performed on the true Rms value, are managed by the digital microprocessor,
- The output voltage regulation performed independently on each phase,
- The instrumentation consist of a multi task digital power meter, such instrument is able to provide with information regarding the voltage stabilizer output parameter, such as phase and linked voltage, current, power factor, active power, apparent power etc.
- The alarms (min/max output voltage, regulator overload) are recognizable by means of Powermeter error code on the control card.
- It is also possible to communicate with the stabiliser with the RS-485 (Modbus TCP/IP protocol.) (Optional)





1 kVA

TECHNICAL SPECIFICATIONS

	SINGLE-PHASE 1 kVA
Nominal Input Voltage (V)	220*
Input Voltage Range (%/V)	-70%+36%/65-300
Output Voltage (V)	220*
Output Voltage Accuracy (%)	±10
Frequency (Hz)	50±5%
Rated Power (Continuous Duty)	1 KVA
Rated Output Current (A)/ Rated Input Current (A)	4.5/15
Power Factor (PF)	1
Admitted Load Variation	3 Min..110% /5 min.126 %/1 Sec.150% Load
Correction Speed	1000 Volt/Sec.
Response Time (Milliseconds)	<1,5
Harmonic Distortion (%)	<3
Mechanical By-Pass	Manually Controlled Line(Selectable CB)/Autobypass(Optional)
Documents (QMS/STD.)	CE/ ISO 9001:2015/TSE 60335-1/1-A11
Full Load Efficiency	Aprox.>98%
Cooling	Automatic Fan System
Ambient Temperature	-10°C +50°C
Storage Temperature	-25°C +60°C
Relative Humidity	Max. 95% (Non Condensing)
Acoustic Noise	<35dbm
Accessories	Manual by-pass line
By-pass kit	Output Digital Multimeter (Voltage,Current,Frequency,Power Etc.)
Protection Degree	IP 20
Terminal Board	Internal DIN
Box Dimension (WxDxH)mm	200x400x370
Weight (kg)	Approx.30
Color (RAL)	7035
Winding Material	Aluminum
Connection Material	Busbar(Aluminum)- Cable (Copper)

*Phase to Neutral,3 Wire (1P+N+PE)

**Working principle of a static digital voltage stabilizer