



TESCOM AVR 11 SERIES

FULL AUTOMATIC
AC SERVO VOLTAGE
STABILISERS
1 kVA-50 kVA

TESCOM Voltage regulators are servo drive structure, microcontroller controlled heavy duty devices which regulates mains voltage for critical loads.



STABILIZERS

TECHNICAL SPECIFICATIONS

Full Automatic
Monophase
1-50 kVA

- TESCOM AVR11 series (1-50 kVA)
- Single Phase voltage stabilisers
- 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
- Safe and economic usage
- Overcurrent and overload protection (Optional)
- Digitally displayed status, input & output measurements
- 2 years warranty
- 10 years spare parts support.



Technical Specifications

MODEL	1101	1102	1103	1105	1107	1110	1115	1120	1125	1130	1140	1150
Power kVA	1	2	3.5	5	7.5	10	15	20	25	30	40	50
REGULATOR INPUT												
In.Vol.Correct.Interval	160 - 260 VAC											
In.Vol.Working Interval	90 - 285 VAC											
Operation Frequency	47...65 Hz											
Line Input Protection	Overcurrent, Low and High voltage protection											
REGULATOR OUTPUT												
Output Voltage	230 VAC RMS \pm % 2											
Overloading	10 Sec. at 200% Load											
Correction Speed	~ 90 Volt / Sec.											
Upturn Period	~ 90 Volt / Sec. (160 VAC - 260 VAC)											
Output Protection	Protects load by opening the circuit when overburden, short circuit occurs.											
WORKING PRINCIPLE												
Servo Motor, Microprocessor Controlled, Full Automatic												
GENERAL												
Measured Value Monitor.	TRUE RMS Panel Voltmeter (74x74 mm) output voltage and line voltage monitorization											
Cooling	Smart Fan System											
Total Efficiency	> % 96											
Mechanical By-Pass	"Manually Controlled Line - PAKO SWITCH Selects Voltage Regulator" Switch Turn On / Off											
Protection Level	IP 20 // IP 25											
ENVIRONMENTAL												
Working Temperature	-10 °C / 50 °C											
Storage Temperature	- 25 °C / +60 °C											
Relative Humidity	< % 90, (DIN 40040)											
Working Altitude	< 2000 m.											
Acoustic Level	< 50 dB (1 meter)											
Documents	CE / ISO9001 / ISO14001											
DIMENSIONS (cm)												
HxWxD (cm)	23 x 42 x 23	27 x 45 x 35	27 x 55 x 35	32x60x40	85 x 50 x 50	85 x 50 x 70						
Weight (kg)	15	16	29	40	47	55	75	125	136	163	180	210