

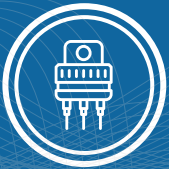
STATIC MONOPHASE REGULATOR 5- 50 kVA



- It is a static voltage regulator that does not contain any moving parts. It performs voltage regulation in milliseconds with digital technology under the control of microprocessor. There are no parts that will wear out and require maintenance.
- Thyristor control with PWM technology.
- 3 LCD displays. (Voltage, current, tolerance and protection levels can be seen)
- Correction (control) speed: 20 ms. (5000 VAC/s)
- Input voltage range: phase to neutral 170 - 260 VAC
- Output voltage range: phase to neutral 220 vac
- Output voltage tolerance: 2%
- Device efficiency: 96%
- - Working at 10 to + 55 0C.
- Ability to meet the overload (500%) for 20 milliseconds

*Product images may vary according to power values.

FEATURES



Thyristor control with PWM technology.



Overload Protection Unit (Optional)



Energy saving with High Efficiency



Failure Signal



EMI / RFI noise filter.

You can access the product page by scanning the QR Code with your phone.



- EMI / RFI noise filter.
- Output voltage and sensitivity tolerance adjustable from the front panel.
- Timed fan cooling (optional)
- Fault signal (with audible light)
- The protection unit of the regulator is activated with a delay of 10 seconds.
- 1 - 0 - 2 Mechanical by-pass switch. (1: Mains, 2: Regulator)
- The device is guaranteed for 2 (two) years against manufacturing defects.
- 10 years spare parts supply is guaranteed.
- Free of harmonic distortion

MODEL	ST11	ST11	ST11	ST11	ST11	ST11	ST11	ST11	ST11
STRENGTH	5 What	7,5 Kva	10 What	15 What	20 Kva	25 What	30 Kva	40 Kva	50 Kva
Input									
Input Voltage Range	Phase + N; 220 - 230 - 240 Vac \pm 20% (selectable from - 60% to + 30%)								
Frequency	45 - 65 Hz (Automatic frequency detection)								
Power Factor	> 0,99								
Harmonic Current Distortion	No additional distortion								
Input Current	30A	45A	60A	90A	120A	150A	175A	235A	300A
Output									
Output Voltage	Phase + N; 220 - 230 - 240 Vac \pm 1-3~% (selectable \pm 1-2~%)								
Output Current	25A	35A	45A	60A	90A	115A	135A	180A	225A
Output Frequency	50 or 60 Hz (selectable)								
Protections	Over(peak, surge) and under voltage(sag), over current, short-circuit,								
Rated Power (kVA)	5	7,5	10	15	20	25	30	40	50
Active Power (kW)	4	6	8	12	16	20	24	32	40
Number of Phases	1 + N								
Surge Current	Zero								
Voltage Distortion	< 1% with linear load / < 1% with non-linear load								
Overload	110% for 60'; 125% for 10'; 150% for 1'								
Reaction time	20 milisecond								
Productivity	> 97%								
Harmonic Distortion	No distortion								
Ambient temperature	-20°C to +50°C								
Relative humidity	<95% non-condensing								
Noise Level	Audible noise of 52-56 dB at 1 meter								
Filtered	RFI-EMI Filter								
Standards	Safety: EN 62040-1-1 (Directive 2006/95/EC); EMC: EN 62040-2 (Directive 2004/108/EC)								
BYPASS	Available								
INSTALLATION INFORMATION									
Weight (kg)	15	20	25	40	55	70	95	115	150
Dimensions (WxDxH) (mm)	270 x 470 x 480		270 x 470 x 480			400 x 470 x 700		400 x 470 x 700	
viewing	Graffic 2x16 LCD display (input- output voltage)								
Distant Signals	dry contacts (configurable)								
Remote control	Input MCCB and bypass (configurable)								
Isolation Transformers	Input and Output Isolation Transformer (configurable)								
Communication	(Optional) RS232 + Rs485 + dry contacts + 2 slots for communications interface								
Colour	Dark grey RAL 7016, RAL 7035 or RAL 9005								
IP Rating	IP20 (others on request)								
Moving the Regulator	Pallet trucks								