

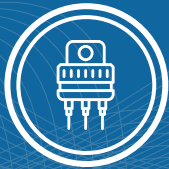
STATIC THREE PHASE REGULATOR 30-3500 kVA



*Product images may vary according to power values.

- 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; 300 - 450 VAC between phases
- Output voltage range: phase to neutral 220 vac; 380 VAC between phases
- Output voltage tolerance: 2%
- Device efficiency: 96%
- - Working at 10 to + 55 0C.
- Ability to meet the overload (500%) for 20 milliseconds

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.



- Overload, short circuit, over heat and voltage protection (Optional)
- Glass fiber wire transformer is wound and resistant to 250 degrees heat
- EMI / RFI noise filter
- Output voltage and sensitivity tolerance adjustable from the front panel.
- Timed fan cooling
- 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	ST33	ST33	ST33	ST33	ST33	ST33	ST33	ST33	ST33	ST33
STRENGTH	30 Kva	45 What	60 Kva	75 What	100 Kva	120 Kva	150 Kva	200 Kva	250 Kva	250 Kva
Input										
Input Voltage Range	Three-Phase + N; 380 - 400 - 415 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	60A	90A	120A	150A	200A	235A	300A	390A	490A	490A
Output										
Output Voltage	Three Phase + N; 380 - 400 - 415 Vac \pm 1-3~% (selectable \pm 1-2~%)									
Output Current	45A	68A	90A	115A	150A	180A	225A	300A	380A	380A
Output Frequency	50 or 60 Hz (selectable)									
Protections	Over(peak, surge) and under voltage(sag), over current, short-circuit,									
Rated Power (kVA)	30	45	60	75	100	120	150	200	250	250
Active Power (kW)	24	36	48	60	80	96	120	160	200	200
Number of Phases	3 + N									
Rated Voltage	380 - 400 - 415 Vac -Three phase + 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)	115	145	185	220	275	300	415	550	700	700
Dimensions (WxDxH) (mm)	400 x 800 x 800		460 x 500 x 1130		500 x 700 x 1650			1150 x 950 x 1700		
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									