



## STATIC SINGLE PHASE REGULATOR

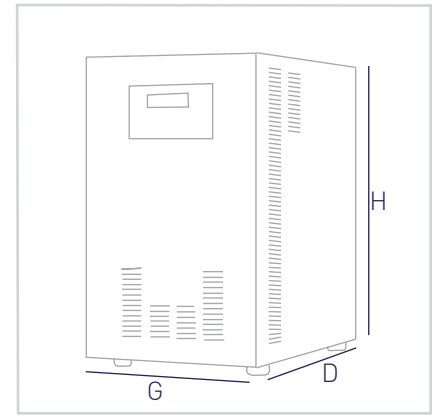
### Application Areas

The three phases transformers are extensive transformers which are produced to be use at entire three phase systems.They can be used at entire industrial applications that have three phase system.

[www.kzpower.com](http://www.kzpower.com)

<b>POWER</b>	Standard
Power Factor	0,90
<b>INPUT</b>	
Input Voltage	220 V AC 1 Faz + Notr (230 - 240 V AC optional)
Input Voltage Tolerance	%25 / +%15 ( -%60 / +%40 optional)
Input Frequency	50Hz. (60Hz. optional)+ %5
Input Connection	Suitable terminal
<b>OUTPUT</b>	
Output Voltage	220 V AC 1 Phase + Notr (230 - 240 V AC optional)
Output Voltage Tolerance	+ %2 ( + %1 optional)
Output Current	Standard
Over Load	Loaded 3 Min, Loaded 10 Sec., Loaded 0,2 sec. than turn off.
Output Frequency	50 Hz. ( 60 Hz. optional) + %5
Regulation Speed	500 V/sec.
Efficiency	> %97
Output Connection	Suitable terminal
Display	With 2x16 character LCD Display
Communication	Remote Management System
<b>PROTECTION</b>	
Output Voltage Protection	When Output Voltage out of 200 V AC - 240 V AC tolerance values, Output Off with contactor
Current Protection	1-Fuse protection with MCB at Input or Output 2-Electrical Over Current Protection Via Microprocessors
By-pass	Manuel by-pass for failure and maintenance
Surge Arrester	Suitable Surge Arrester unit for lightning (optional)
Isolation Transformer	Input and Output Isolation Transformer for special usage (optional)
<b>GENERAL</b>	
Operating Temperature	-10 °C ~ +40 °C (-15 °C ~ +55 °C optional)
Altitude	< 3.000 m
Humidity	90% non condensed
Acoustic NoiseTransformer	< 45 dB

Required voltages are produced on order.



CODE	POWER (KVA)	DIMENSIONS			WEIGHT
		W	L	H	
SSM5	5	250	400	430	40
SSM7,5	7,5	250	400	430	45
SSM10	10	250	400	430	50
SSM15	15	250	400	430	70
SSM20	20	310	550	530	90
SSM30	30	310	550	530	110
SSM40	40	310	550	530	130
SSM50	50	310	550	530	150

Required voltages are produced on order.

## FEATURES

Production between power range of 2kVA-3000kVA, with single phase output and three phase output. - New technological design that is suitable for industrial environment, does not effected by dust, moisture and vibration and does not need maintenance. - Suitable for three phase unbalanced loads up to 100%. - Environmentalist design which is designed with the consciousness of a sustainable world, which is long-life and which does not produce chemical waste. - Efficiency increased with the consciousness of contributing to the reduction of carbon outputs and silent operation. - Safe usage for all electrical devices. - Independent and fast control system with microprocessor controlled cards. - High voltage regulation speed (500 V / second). - Flexible design and software property that can easily orient itself different grid and voltage conditions. - On / off and manual by-pass switch for working through grid, in cases where malfunction happens or when maintenance needs.- Real static-modular design with TRISTOR technology used in power units and SMPS technology in feeding units. - Electronic protection against to over load, low voltage, high voltage, over temperature, over current and short circuit. - Aesthetic, ergonomic design. - Minimal size, long life. - Special, durable cabinet, powder coated with standard color named RAL-7035. - User friendly, easy and comprehensive LCD Display and mimic diagram. - Compact structure with high quality material and minimum malfunction hazard. - RS-232, ETHERNET and MODBUS support with management and viewing module. - Surge Arrester against sudden voltage increases and strikes of lightning. - "Remote Management System" and software support which the user can remotely view and manage all of these information. - Production with ISO 9001:2008 Quality Management System. - Spare part providing guarantee for 10 years. - Broad service network.