

STATIC TYPE VOLTAGE STABILIZER

RST SERIES 22-2000 kVA

3 PHASE STATIC REGULATOR



- Microprocessor Controlled Structure with Semiconductor Technology
- Voltage Correction, Protection and Management Features
- Wide Input Voltage Range (285 - 430 V AC)
- High Efficiency Up to 98% Full sine wave output
- 1-3% Output Voltage Sensitivity 500V/sec Correction Speed
- 2x16 LCD Screen
- Manual By-Pass
- Automatic By-Pass Feature (Optional)
- Custom Production According to Requirements, Input/Output values
- Electromagnetic and RFI Protection
- Compliance with international standards
- Design with lid that can be opened from 3 sides, providing fast service
- 2 Year Device Warranty
- 10 Year Spare Parts Supply Guarantee
- Experienced Technical Service and Customer Service Support throughout Türkiye

APPLICATIONS

- IT Centers
- Factories
- Medical Devices
- Emergency Systems (Alarm)
- Communication Devices
- Server and Server Rooms
- Industrial Applications
- Personal Computers
- Small Computer Network
- Network systems

ADVANTAGES

- No Mechanical Parts
- Latest technology
- Economical use
- Clean and stable output voltage
- Over-temperature, load and short-circuit protection
- Wheeled and takes up little space
- Remote management (Optional)
- Adjustable values

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MODEL	RST-22	RST-30	RST-45	RST-60	RST-75	RST-100
POWER	22,5 kVA	30 kVA	45 kVA	60 kVA	75 kVA	100 kVA
INPUT						
Voltage	3x380, 3x400, 3x415 VAC, 3 Phases + N					
Input Correction Ranges (Optional)	1- 285 - 430 VAC					
	2- 300 - 430 VAC					
	3- 110 - 500 V AC					
	4- Custom Ranges					
Current (A)	27A	36A	54.5A	73A	91A	121A
Frequency	50 Hz \pm 10%					
OUTPUT						
Voltage	3x380, 3x400, 3x415 VAC, 3 Phases + N					
Voltage Tolerance	2,5% Standard (Adjustable)					
Current (A)	27A	36A	54.5A	73A	91A	121A
Frequency	50 Hz \pm 10%					
INDICATOR						
Type	2 x 16 Alphanumeric LCD Panel (Backlight)					
Panel	Touch Buttons					
Measurements	R,S,T Input Voltage, U,V,W Output Voltage, U,V,W, Frequency					
LCD Alarms	System Normal, Incorrect Input, High Output, Low Output, Thyristor Failure, Phase Failure					
LEDs	Input: Green - Output: Green - Error: Red - Normal: Green					
Language Options	Turkish or English					
PROTECTIONS						
Output Voltage	Low: 320V High: 420V (Adjustable from LCD Panel)					
Over Load	Electronic Protection with Fuse					
Thyristor Failure	Output is cut automatically. Supplied on the LCD					
Over Temperature	Output is cut off after 10 seconds of warning on the LCD Panel.					
By-Pass	Manual (Auto Bypass Optional)					
Noise Filtering	Surge Suppressor, EMI / RFI Filter Options					
GENERAL						
Efficiency (Full Load)	\geq 97%					
THD (100% Linear Load)	< 0.3%					
Correction Speed	5.000 V/sec					
Noise Level	< 45 dBA, from 1 meter					
Operating Temperature	0°C ~ 40°C, max. 90% (concentrated)					
Storage Temperature	-20°C ~ +70°C					
Protection Class	X Type: IP20 (Standart) Y Type : IP23 Z Type: IP54					
Colour	RAL 7035					
Cooling	Cooling with Fan					
Dimensions (wxdxh) mm	330x740x830			400x900x890		
Weight	101 kg	124 kg	143 kg	182 kg	214 kg	242 kg



MODEL	RST-120	RST-150	RST-200	RST-250	RST-300	RST-400
POWER	120 kVA	150 kVA	200 kVA	250 kVA	300 kVA	400 kVA
INPUT						
Voltage	3x380, 3x400, 3x415 VAC, 3 Phases + N					
Input Correction Ranges (Optional)	1- 285 - 430 VAC					
	2- 300 - 430 VAC					
	3- 110 - 500 V AC					
	4- Custom Ranges					
Current (A)	145.5A	182A	242.5A	303A	363,5A	485A
Frequency	50 Hz ±10%					
OUTPUT						
Voltage	3x380, 3x400, 3x415 VAC, 3 Phases + N					
Voltage Tolerance	2,5% Standard (Adjustable)					
Current (A)	145.5A	182A	242.5A	303A	363,5A	485A
Frequency	50 Hz ±10%					
INDICATOR						
Type	2 x 16 Alphanumeric LCD Panel (Backlight)					
Panel	Touch Buttons					
Measurements	R,S,T Input Voltage, U,V,W Output Voltage, U,V,W, Frequency					
LCD Alarms	System Normal, Incorrect Input, High Output, Low Output, Thyristor Failure, Phase Failure					
LEDs	Input: Green - Output: Green - Error: Red - Normal: Green					
Language Options	Turkish or English					
PROTECTIONS						
Output Voltage	Low: 320V High: 420V (Adjustable from LCD Panel)					
Over Load	Electronic Protection with Fuse					
Thyristor Failure	Output is cut automatically. Supplied on the LCD					
Over Temperature	Output is cut off after 10 seconds of warning on the LCD Panel.					
By-Pass	Manual (Auto Bypass Optional)					
Noise Filtering	Surge Suppressor, EMI / RFI Filter Options					
GENERAL						
Efficiency (Full Load)	≥ 97%					
THD (100% Linear Load)	< %0.3					
Correction Speed	5.000 V/sec					
Noise Level	< 45 dBA, from 1 meter					
Operating Temperature	0°C ~ 40°C, max. 90% (concentrated)					
Storage Temperature	-20°C ~ +70°C					
Protection Class	X Type: IP20 (Standart) Y Type : IP23 Z Type: IP54					
Colour	RAL 7035					
Cooling	Cooling with Fan					
Dimensions (wxdxh) mm	450x820x1280		1000x700x1600			1400x500x1700
Weight	290 kg	340 kg	600 kg	700 kg	800 kg	1000 kg

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MODEL	RST-500	RST-600	RST-800	RST-1000	RST-1250	RST-1600	RST-2000
POWER	500 kVA	600 kVA	800 kVA	1000 kVA	1250 kVA	1600 kVA	2000 kVA
INPUT							
Voltage	3x380, 3x400, 3x415 VAC, 3 Faz + Nötr						
Input Correction Ranges (Optional)	1- 285 - 430 VAC						
	2- 300 - 430 VAC						
	3- 110 - 500 V AC						
	4- Özel üretim						
Current (A)	606A	727A	970A	1212A	1515A	1939A	2424A
Frequency	50 Hz \pm 10%						
OUTPUT							
Voltage	3x380, 3x400, 3x415 VAC, 3 Faz + Nötr						
Voltage Tolerance	2,5% Standart (Değiştirilebilir)						
Current (A)	606A	727A	970A	1212A	1515A	1939A	2424A
Frequency	50 Hz \pm 10%						
INDICATOR							
Type	2 x 16 Alphanumeric LCD Panel (Backlight)						
Panel	Touch Buttons						
Measurements	R,S,T Input Voltage, U,V,W Output Voltage, U,V,W, Frequency						
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PROTECTIONS							
Output Voltage	Low: 320V High: 420V (Adjustable from LCD Panel)						
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Efficiency (Full Load)	\geq 97%						
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Storage Temperature	-20°C - +70°C						
Protection Class	X Type: IP20 (Standart) Y Type : IP23 Z Type: IP54						
Colour	RAL 7035						
Cooling	Cooling with Fan						
Dimensions (wxdxh) mm	1400x500x1700		2600x1000x1800			3000x1000x1800	
Weight	1300 kg	1500 kg	1700 kg	2100 kg	2300 kg	2600 kg	3200 kg

