

# GVN AVR SVR-INDUSTRIAL SERIE

FULL AUTOMATIC STATIC  
VOLTAGE  
REGULATOR  
1 Phase - 1 kVA

Largest Operating  
Range 65v-300v



- Wide range regulation field 65V-300V
- 400% instant load capacity
- Setting speed of 500V / Sec
- Reaction rate of 20ms
- EMI Filter on Output
- 16stp. Static step
- Easy-to-use LCD display
- Ability to work in any kind of load.
- 7/24 operating at continuous load
- High efficiency
- Compact design, easy installation and simple operation
- Environmentally friendly ISO 9001, CE, full warranty
- 24/7 technical support and customer service

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## SVR-INDUSTRIAL SERIE

### FULL AUTOMATIC STATIC VOLTAGE REGULATOR

#### 1 Phase - 1 kVA

**SVR-INDUSTRIAL** series static voltage regulators; It is the only AC line voltage stabilizer produced with the widest range to operate where mains voltage drops or rises more than normal values.

It is designed to balance the voltage from the mains and bring it to the nominal value of 220v + -5%. It is a single-phase electronic device designed to provide balanced AC voltage for all types of consumers. It works unlimitedly with any type of load that matches the device's power. Especially **military and private security CCTV systems, home, office equipment, power tools etc.**

The device dimensions are designed to be used in any environment. There is a control panel on the front cover of the device to monitor the parameters. 3 buttons, 12 LEDs and 1pcs of 4x20 LCD display are used on the control panel.



STATIC VOLTAGE REGULATOR

In order not to cause problems in devices sensitive to neutral, the "neutral transit" or "common neutral" scheme is used from the regulator input to the output. A filter is used at the output of the device (EMI) to eliminate interference from the mains. Thanks to 16 static steps, the device adjusts the required voltage.

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# SVR-INDUSTRIAL SERIE

## FULL AUTOMATIC STATIC VOLTAGE REGULATOR

### 1 Phase - 1 kVA

TECHNICAL SPECIFICATIONS	
MODEL: SVR-INDUSTRIAL	1KVA
POWER KVA	1
INPUT PARAMETERS	
Cable Connection Type	3x2,5 plug cable
Continuous load <105%	< 7 /24
Input Safe Voltage Range	> 0.....320V <
Input Operating Voltage Range of Power Supply	> 65V.....300V <
Correction voltage range	<b>Input:</b> 88V.....300V / <b>Output:</b> 220V +5%
Maximum continuous input current	12A (FUSE 16A)
Maximum instantaneous input current. (motor starting current) The starting currents of the motors are 5-10 times higher than the current consumption of the normal operating mode in the refrigerator in the air conditioner.	36A
Allowable nonlinear load	400 % T-RMS=100%
Operating Frequency	50Hz ± 5%
Acoustic Noise Level	< 32 dB (1m)
Efficiency at 50% load	> 95%
Total heat produced under full load	0,032kW
OUTPUT PARAMETERS	
Voltage response time	20MS
Rated static voltage at output, output 220V + 2.2% at installation	208V.....232V
Load change interval	0 - 300%
Continuous output load current, with 220V output voltage	> 12A
Fan operating ambient temperature> 30 ° C with more than 50% load	Temperature inside the device >+55°C
Screen 1.	20 x 4 LCD Display
Screen 2.	12pcs. LED
OPERATING ENVIRONMENT	
Operating ing ambient temperature	-20°C +55°C
Moisture without condensation	< 98 %
Maximum Operating height (above sea level)	2000m
Protection class	IP 21
DIMENSIONS	
Device Dimensions (WxDxH cm)	17x37x22,5
Weight (kg)	11,5
GENERAL	
Certificates	ISO-9001, CE
Warranty	24 months

STATIC VOLTAGE REGULATOR