


VOLTAGE STABILIZER AVR-1000 PRO

150÷260 VAC / 230 VAC 1000 VA

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------|------------|------------------|-------|-----------------|--------|-------------------|------------------|-------------------|-----|----------------|--------|-------------------|------|-------------|----|-------------|-----|-------------|--------------------------|-------------|--|--------|------------------------|------------|------|---------------------|-----------------------|----------------------|----------------|----------------------|----------------|----------|---------|------------------|------------------------|---------------------|----------------------------|-------|----------|--------------------------|------|----------------------------|----------------------|---------|-----|------|---------------|
|  <p>The image shows a black, rectangular voltage stabilizer with a digital display on the front panel showing '163' and '232'. It has a carrying handle on top and ventilation slots on the side. The front panel also features two red buttons and the text 'AVR-1000 PRO' and 'AUTOMATIC VOLTAGE STABILIZER 1000VA'.</p> | <table> <tr> <td>Input voltage:</td> <td>150÷260VAC</td> </tr> <tr> <td>Input frequency:</td> <td>50 Hz</td> </tr> <tr> <td>Output voltage:</td> <td>230VAC</td> </tr> <tr> <td>Output frequency:</td> <td>=Input frequency</td> </tr> <tr> <td>Output precision:</td> <td>±3%</td> </tr> <tr> <td>Maximum power:</td> <td>1000VA</td> </tr> <tr> <td>Continuous power:</td> <td>600W</td> </tr> <tr> <td>Distortion:</td> <td>3%</td> </tr> <tr> <td>Efficiency:</td> <td>90%</td> </tr> <tr> <td>Delay time:</td> <td>6/180 seconds selectable</td> </tr> <tr> <td>Protection:</td> <td>undervoltage, overvoltage, overload, temperature</td> </tr> <tr> <td>Noise:</td> <td><65dB (at 1m distance)</td> </tr> <tr> <td>IP Degree:</td> <td>IP20</td> </tr> <tr> <td>Operating Humidity:</td> <td><95%, no condensation</td> </tr> <tr> <td>Working temperature:</td> <td>-10°C to +40°C</td> </tr> <tr> <td>Storage temperature:</td> <td>-20°C to +45°C</td> </tr> <tr> <td>Cooling:</td> <td>Passive</td> </tr> <tr> <td>Mains connector:</td> <td>Cable with 230VAC plug</td> </tr> <tr> <td>230V output socket:</td> <td>AC socket (French) - 1 pcs</td> </tr> <tr> <td>Case:</td> <td>Aluminum</td> </tr> <tr> <td>Ingress protection code:</td> <td>IP21</td> </tr> <tr> <td>Dimensions L x W x Height:</td> <td>270 x 190 x 170 [mm]</td> </tr> <tr> <td>Weight:</td> <td>6kg</td> </tr> <tr> <td>EAN:</td> <td>5903699340776</td> </tr> </table> | Input voltage: | 150÷260VAC | Input frequency: | 50 Hz | Output voltage: | 230VAC | Output frequency: | =Input frequency | Output precision: | ±3% | Maximum power: | 1000VA | Continuous power: | 600W | Distortion: | 3% | Efficiency: | 90% | Delay time: | 6/180 seconds selectable | Protection: | undervoltage, overvoltage, overload, temperature | Noise: | <65dB (at 1m distance) | IP Degree: | IP20 | Operating Humidity: | <95%, no condensation | Working temperature: | -10°C to +40°C | Storage temperature: | -20°C to +45°C | Cooling: | Passive | Mains connector: | Cable with 230VAC plug | 230V output socket: | AC socket (French) - 1 pcs | Case: | Aluminum | Ingress protection code: | IP21 | Dimensions L x W x Height: | 270 x 190 x 170 [mm] | Weight: | 6kg | EAN: | 5903699340776 |
| Input voltage: | 150÷260VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Input frequency: | 50 Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output voltage: | 230VAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output frequency: | =Input frequency | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output precision: | ±3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum power: | 1000VA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Continuous power: | 600W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distortion: | 3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Efficiency: | 90% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delay time: | 6/180 seconds selectable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection: | undervoltage, overvoltage, overload, temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Noise: | <65dB (at 1m distance) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IP Degree: | IP20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Humidity: | <95%, no condensation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Working temperature: | -10°C to +40°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage temperature: | -20°C to +45°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cooling: | Passive | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mains connector: | Cable with 230VAC plug | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 230V output socket: | AC socket (French) - 1 pcs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Case: | Aluminum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ingress protection code: | IP21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions L x W x Height: | 270 x 190 x 170 [mm] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight: | 6kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EAN: | 5903699340776 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AVR (Automatic Voltage Regulator) is used for maintenance-free regulation of 230V AC voltage. Its typical application is to stabilize the supply voltage between a generator, or other unstable power source, and sensitive electronics (powered by 230VAC). The stabilizer automatically adjusts high voltage down and low voltage up to the appropriate level. If the voltage constantly increases and exceeds a safe value, the stabilizer automatically disconnects the device from the network, thus protecting the electronics against damage. The **PRO** version is characterized by high accuracy of the corrected voltage.

Ideal solution for powering:

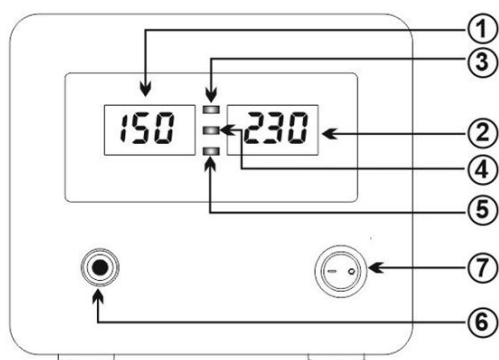
- Refrigerators and freezers, Microwave ovens
- Electric motors, Pumps, Compressors
- Drills, Grinders, Lawnmowers, Vacuum cleaners
- Incandescent bulbs, LED lights, Fluorescent tubes
- Laptop and USB chargers, Computers and monitors, TVs
- Printers, Cash registers,
- CO pumps, induction motors

VOLTAGE STABILIZER AVR-1000 PRO

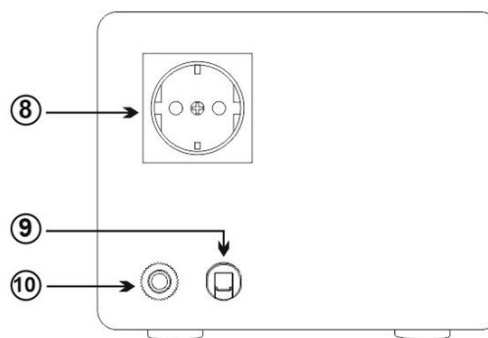
150 ÷ 260 VAC / 230 VAC 1000 VA

Input voltage (V) / Real efficiency (% of rated power)

| Input voltage | Real efficiency | Input voltage | Real efficiency | Input voltage | Real efficiency | Input voltage | Real efficiency |
|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|
| 150 V | 60 % | 180 V | 72% | 210 V | 84% | 240 V | 96% |
| 160 V | 64 % | 190 V | 76% | 220 V | 88% | 250 V | 100% |
| 170 V | 68 % | 200 V | 80% | 230 V | 92% | 260 V | 100% |



- 1: input AC voltage
- 2: output AC voltage
- 3: green LED - "power on" indicator
- 4: orange LED - "delay" indicator
- 5: red LED - "protect" indicator
- 6: delay switch
- 7: mains switch



- 8: output AC socket
- 9: input AC lead
- 10: circuit breaker

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