


VOLTAGE STABILIZER AVR-2000 PRO

150÷260 VAC / 230 VAC 2000 VA

 <p>The image shows a black, rectangular voltage stabilizer with a carrying handle on top. The front panel features a digital display showing '163' and '232', a red emergency stop button, and a power switch. The AZO DIGITAL logo is visible on the top left of the front panel.</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>2000VA</td> </tr> <tr> <td>Continuous power:</td> <td>1200W</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) - 2 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>300 x 190 x 170 [mm]</td> </tr> <tr> <td>Weight:</td> <td>7kg</td> </tr> <tr> <td>EAN:</td> <td>5903699340783</td> </tr> </table>	Input voltage:	150÷260VAC	Input frequency:	50 Hz	Output voltage:	230VAC	Output frequency:	=Input frequency	Output precision:	±3%	Maximum power:	2000VA	Continuous power:	1200W	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) - 2 pcs	Case:	Aluminum	Ingress protection code:	IP21	Dimensions L x W x Height:	300 x 190 x 170 [mm]	Weight:	7kg	EAN:	5903699340783
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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:

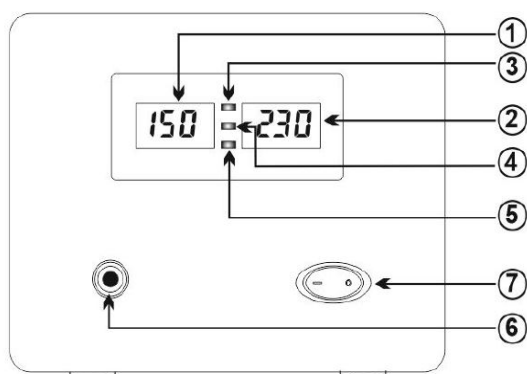
- Refrigerators and freezers, Microwave ovens
- Electric motors, Pumps, Compressors
- Drills, Grinders, Lawnmowers, Vacuum cleaners
- Incandescent bulbs, LED lights, Fluorescent tubes
- Laptop and USB chargers, Computers and monitors, TVs
- Printers, Cash registers,
- CO pumps, induction motors

VOLTAGE STABILIZER AVR-2000 PRO

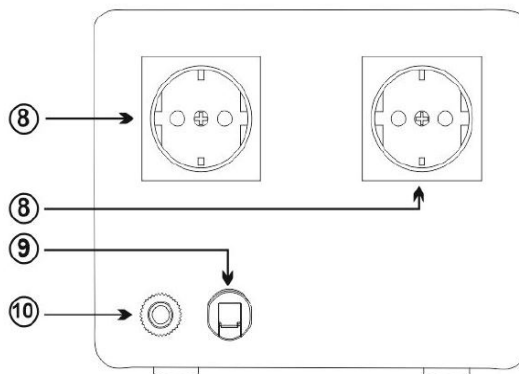
150 ÷ 260 VAC / 230 VAC 2000 VA

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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