

VOLTAGE STABILIZER AVR-3000 PRO

150÷260 VAC / 230 VAC 3000 VA



Input voltage:	150÷260VAC
Input frequency:	50 Hz
Output voltage:	230VAC
Output frequency:	=Input frequency
Output precision:	±3%
Maximum power:	3000VA
Continuous power:	1800W
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:	Screw terminal
230V output connector:	Screw terminal
Case:	Aluminum
Ingress protection code:	IP21
Dimensions L x W x Height:	340 x 240 x 230 [mm]
Weight:	12kg
EAN:	5903699340790

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:

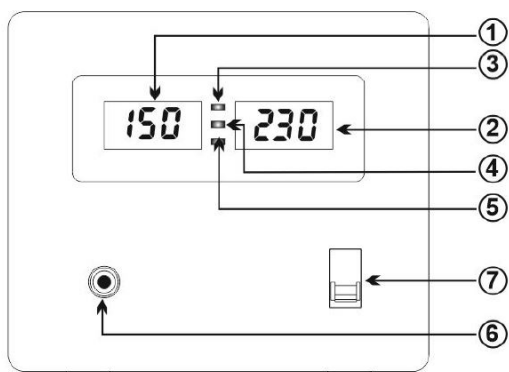
- Refrigerators and freezers, Microwave ovens
- Electric motors, Pumps, Compressors
- Drills, Grinders, Lawnmowers, Vacuum cleaners
- Incandescent bulbs, LED lights, Fluorescent tubes
- Laptop and USB chargers, Computers and monitors, TVs
- Printers, Cash registers,
- CO pumps, induction motors

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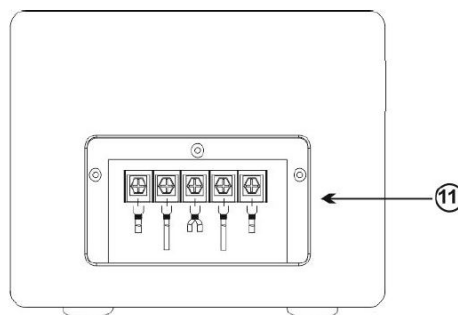
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Input voltage (V) / Real efficiency (% of rated power)

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



- 11: input / output AC screw terminal

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