

Qoltec[®]

Monolith[®]

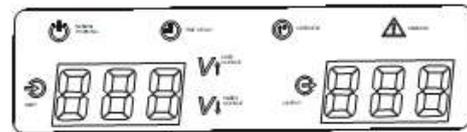
USER MANUAL

Automatic Voltage Stabilizer AVR

MODEL: 53893, 53894, 53895

Functions and display

- Normal working interface



NORMAL
WORKING



City power input is normal, device through AVR supplies output



OVERHEAT



Temperature is too high, device cuts off output



UNUSUAL



Battery over voltage, short circuit, high MOSFET's temperature



OVER
VOLTAGE



City power input is over voltage



UNDER
VOLTAGE



City power input is low voltage



OVER
LOAD



Loading exceeds device's rated power



LOAD

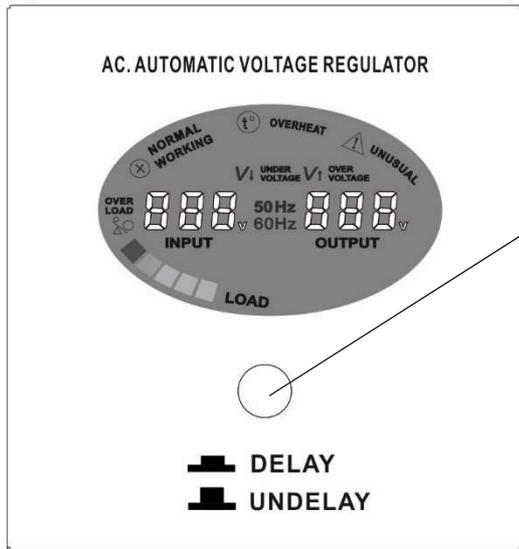


Loading bar showing the loading situation

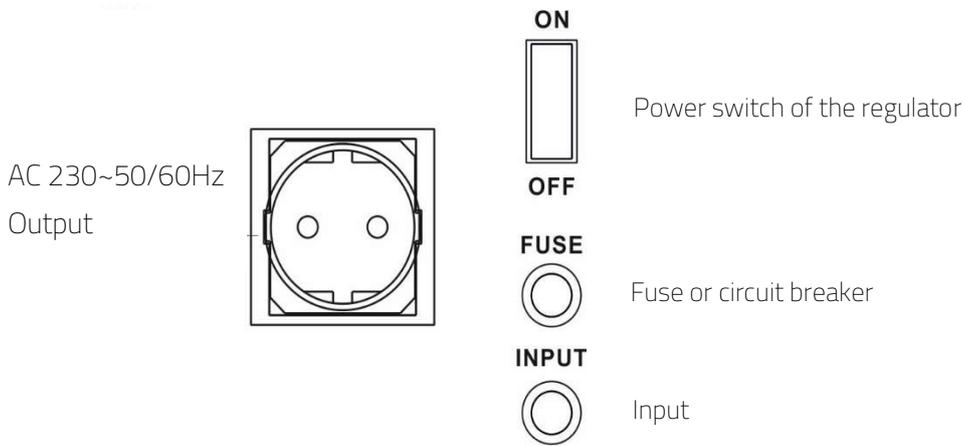
Over voltage: flashing for high voltage protection

Under voltage: flashing for low voltage protection

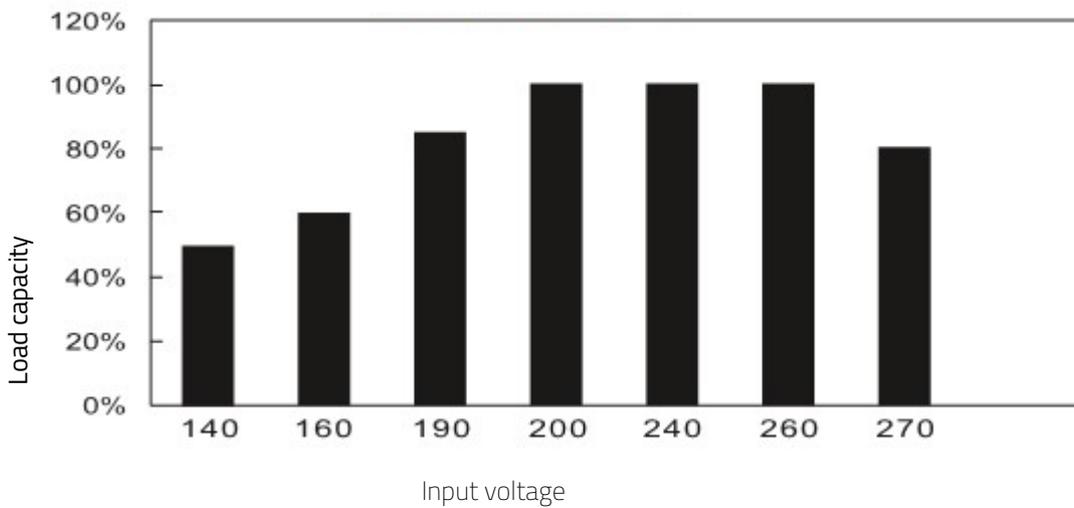
Overheat: flashing for high temperature protection



If this regulator is use for appliance with built-in motor compressor, please select "delay" so as to decrease the opportunity of damaging the motor compressor. If not, please select "Undelay".



The regulator's maximum output power will change as the diagram shown below.



Make sure that the total load power does not exceed the listed maximum output power of the regulator.

Specification

Capacity	500VA	1000VA	1500A	2000VA	3000VA	5000VA	8000VA	10000VA
Input voltage range	150V-270V	145V-260V						
Input frequency	50Hz/60Hz							
Output voltage	230V							
Precision	+8%							
Delay time	180s/6s							
Protection	High voltage, low voltage, overload, high temperature							
Circuit protection	Fuse							

This device only for indoor use.

Caution

- Avoid overloading

Do not use the regulator beyond its maximum power capacity.

- When connected to any appliance with built-in motor compressor, the starting power is generally several times of the appliance's listed power rating. Make sure that the total starting power capacity of all connected appliances does not exceed the listed maximum output power capacity of the regulator. For colour TV set, calculate it twice as its listed capacity.
- Make sure that the regulator is at the same output voltage and frequency as the appliance's it connected. .
- Always place the regulator in an environment that is:
 - well ventilated
 - not exposed to direct sunlight or heat source
 - out of reach from children
 - away from water, moisture, oil or grease
 - away from any flammable substance

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RoHS

