



# 2000W SCR Motor Controller



## Description:

This is a 2000W Thyristor SCR Voltage Regulator Temperature Dimmer for Speed / Light (AC 220V). This Voltage Regulator is SCR Dimmer which can be used to control 220V Appliances. It can be used as a light dimmer, fan speed controller, stove temperature controller. It is easy and simple to use and can control appliances up to 2000W.

Just give AC input to the module and connect the appliance at the output of the module, then use the onboard potentiometer knob to adjust and set the required power output from your 220V Device.

## Features:

1. Type: Raspberry 4B Aluminum Alloy Metal Case
2. Material: Black Aluminum Alloy Metal
3. Compatible For: Raspberry PI 4
4. Easy to install, Ultra-thin design.
5. Open case design with Dual Fans for Fast Heat dissipation.
6. All ports and slots of the case can match with Raspberry Pi 4 Model B perfectly.
7. Lightweight and durable, Long-lasting stainless
8. Size: 87mm\*56mm\*25mm

## Specifications:

- Input Voltage: AC 220V.
- Maximum Power : 2000W
- Adjustable Voltage: AC 0V-220V
- Frequency Range : 50Hz ~ 60Hz
- Length (mm): 85
- Width (mm): 55
- Height (mm): 38
- Weight (gm): (Approx) 41

## How to do the Module adjustment:

Connect AC supply at the input of the module and appliance at the output of the module, then rotate the knob for dimming, speed, voltage, temperature control.

## Connections:



### Appliances:

- Electric furnace, water heater, lamps, small motor, electric iron, etc.
- Can apply to the use of new two-way high-power thyristor; As the current up to 40A, a good solution to the heating wire resistance in the case of cooling is too small to cause over-current problems; can easily adjust the electricity.
- The output voltage between 0 – 220 volts any adjustment for the use of electrical appliances
- Such as furnace, water heaters, heat transfer, light dimming, small motor speed, electric iron thermostat, and so on
- So as to achieve dimming, thermostats, pressure effect. Less than 2000 watts of electrical power for large-scale electrical power have been using as much; so, the home appliances in general, sufficient, or small factories. (Inductive or capacitive load power should be reduced, the voltage regulator is equipped with the two-way high-power thyristor, potentiometers are with nuts, do not add any components to use, very convenient and practical.)