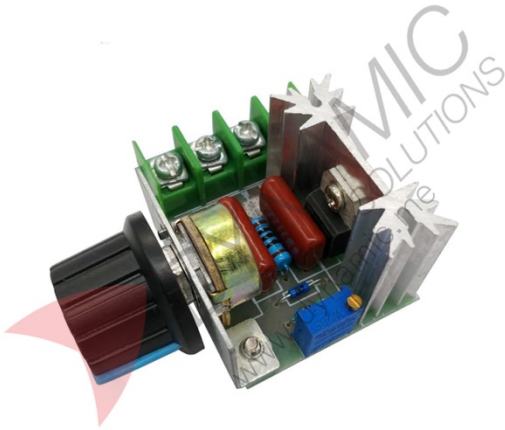


## PWM AC Motor Speed Control 50V-220V 2000W

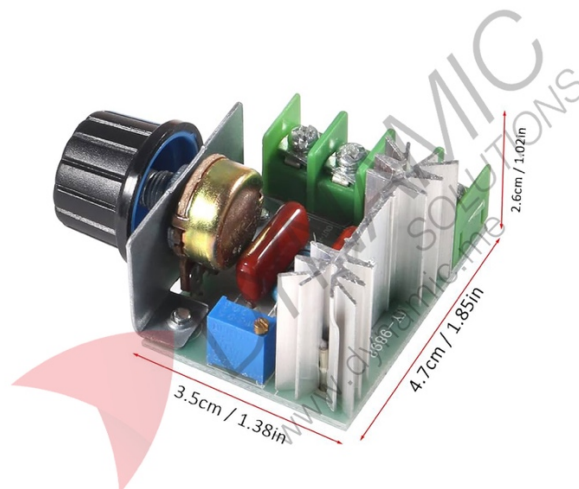


### **Features:**

The 2000W AC Motor Speed Controller is based on SCR phase control technology, allowing precise adjustment of AC voltage for a wide range of appliances. With an input range of 110–250V AC and adjustable output between 50–220V, it supports up to 25A of current for demanding loads. This controller is ideal for dimming lamps, controlling heater elements, regulating AC motor speeds, or adjusting other resistive and inductive loads. Its compact size and high-temperature FR-4 circuit board construction ensure reliability in continuous use.

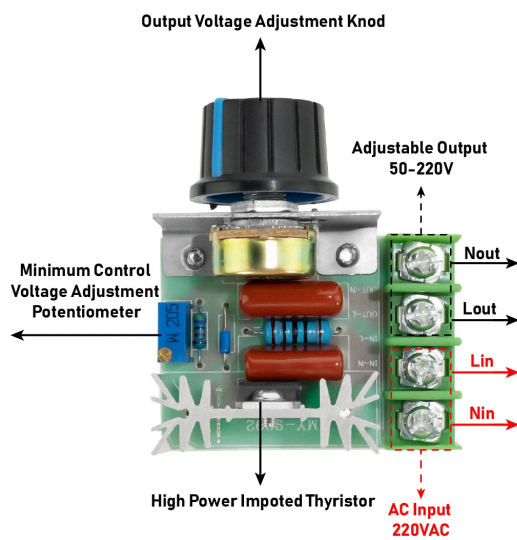
Specifications	
Input Voltage	AC 110–250V
Output Voltage	50–220V AC (<= Input voltage)
Maximum Power	2000W
Maximum Current	25A
Voltage Regulating Range	50–220V AC
Operating Temperature	-20°C ~ 40°C
External Size	48 × 60 × 28 mm
PCB Information	FR-4 High Temperature Resistant Board
PCB Size	36 × 48 mm
Usage	Dimming lamps, heaters, AC motor speed regulation

### **Product Dimensions:**

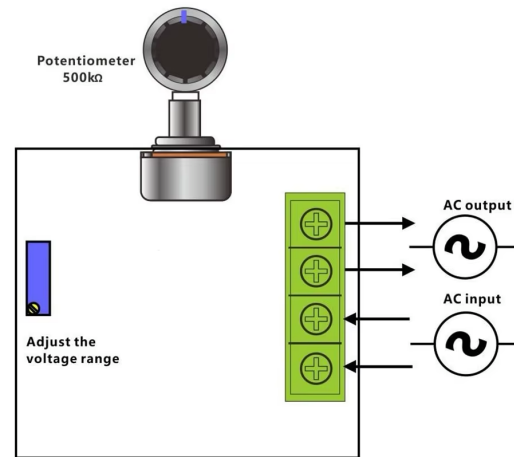


## Pinouts:

Pin Name	Type	Description
<b>Lin</b>	Input	AC line input
<b>Nin</b>	Input	AC neutral input
<b>Lout</b>	Output	AC line output to load
<b>Nout</b>	Output	AC neutral output to load



## Wring Diagram



## Product Pictures:

