



الحمادي للإلكترونيات
ALHAMMADI FOR ELECTRONICS

3000W parameter description

Specification:

Dimensions: length 60mm * width 50mm * height 30mm

Input voltage: AC 220V

Voltage regulation range: 10-220V

Efficiency: 90%

Max power: 3000W

Use the original imported 26A thyristor.

The use of 1.6 thick FR-4 high-temperature resistant circuit board, the circuit design is reasonable, and the design of the thickened solder line is adopted, even if the large current passes, it is enough to deal with, and the use is safer and

more reliable.

Regardless of the cost, the store uses a standard 25A 2-position binding post, so that it is a true 3000W design

The heat sink uses 60 (length) * 30 (height) * 15 (width), and the 3000W product uses such a large area of heat sink that you will never find a second one on Taobao!

The 2W potentiometer is used to ensure that the voltage regulation is good linear!

The circuit has undergone many technical improvements, and each accessory has been selected, and it is now fully technologically mature. The dual-capacitor design **(safety capacitor + metal film capacitor) can effectively absorb surges and voltage spikes, more effectively protect the thyristor, and use it more efficiently and safely.**

How to use:

Connect this product in series in the circuit of the lamp or electrical appliances, (that is, disconnect the lamp and electrical appliances from any one of the live wire or neutral wire, and connect the two wires of this "product") to rotate the potentiometer rod, which can play the role of light and dark adjustment, speed

regulation, voltage regulation and temperature regulation; It is very convenient to use. **This product is suitable for:** using a new type of bidirectional high-power thyristor, because the current can reach 26 amperes, which solves the overcurrent problem caused by the resistance of the electric furnace wire is too small in the case of cooling; It can easily adjust the output voltage of the mains, between 10----220 volts, and can be adjusted arbitrarily for electrical use. Such as: electric furnace, water heater heat regulation, lamp dimming, small motor speed regulation, electric soldering iron temperature regulation, etc. So as to achieve the effect of dimming, temperature regulation and pressure regulation. It can be used for large electrical appliances with an electrical power of less than 3000 watts, and because the power is already very large, it is enough for general household appliances or small factories. (The power of inductive or capacitive load should be reduced, this voltage regulator is equipped with imported ST brand bidirectional high-power thyristor, and equipped with high-power heat sink potentiometers with nuts, which can be used without adding any components, which is very convenient and practical).