

HP510 energy-saving timer



The HP510 timer is mainly used for TV, computer, air conditioning, water heater, electric rice cooker, water dispenser, electric heater, electric cars, printers, routers, aquarium and other electrical appliances, it can save money, two is to extend the service life of electrical appliances.

Main uses:

1: Office of the router, the cat can be timed at seven thirty in the morning to open, closed twelve o'clock in the evening, it will not only save energy, but also can avoid because of long time electricity use router, cause the Internet is not stable, the service life can also be prolonged router. The same product can also be used for fax machines, printers and other equipment, to avoid the junk fax in the nighttime.

2: mobile phone, PHS, chargers are required to charge less than N hours, it can ensure that your beloved equipment safety, not excessive charging, in our life, accident of electric charge and happen often. The same product is also suitable for electric vehicle charging, such not only safe, but also can prolong the using time of the battery electric vehicle.

3: timing switch fountain, water long time heating will produce harmful substances, harmful to your body, the timing switch can work time any set of



drinking machine, is the best solution. Particularly suitable for drinking water machine in the office, but also can avoid human negligence, energy saving.

4: electric fans, electric mosquito-repellent incense or liquid electric mosquito-repellent incense can be segmented using. Mosquitoes at six points to nine points, and at four thirty in the morning to seven points up, you can set the two period opened, other time period of fifteen minutes, fifteen minutes, repeated cycle. In addition electric mosquito-repellent incense is hung on the wall above, also province plug.

5: every day, the next day or occasionally go out, this home want to wash a hot bath, if heating open water heater will not stop. Neither safe and electricity costs, we can use HP510 timer, the power which can control the water heater, want it to several heating can do it, you can be in accordance with the requirements to achieve.

6: automatic timing for cooking rice cooker, go out in the morning before the rice Amoy good, put the right amount of water, set the start and end time, when you get home from work - the steamed rice is ready. MM and GG are the same for the very next day to bring food to the noon, do a good job the first night, the very next day morning you can get up late for at least half an hour, but also not at noon to eat last night's meal.

7: fish friends you is it right? Are you always boot oxygen machine and trouble? The timing socket, can make oxygen machine you according to your set the start time of oxygenation, shutdown, switch, energy security and environmental protection.

8: the weather is very cold in winter, always want to give the old man sent to some warmth, buy a blanket, but always worry about the elderly will forget to turn off the electric blanket danger, with good hand timer can you in the old man before going to bed half an hour

Early in the heating, automatic shutdown sleep after the old man, also can be in the old man sleeping in the open and close, let warm and safe and filial piety synchronization.

9: holidays to, want to go travel friend, is it right? Worry out thieves? In fact, now you need not worry, you can in the evening time opening in the home lighting, give people a feeling of a home (illusion), can play a security role.

The HP510 timer, energy saving and safety



1 electric water heater

Many families in order to facilitate the use of hot water, let the water heater 24 hours of electricity, which is the most energy consumption in the repeated heating on day and night. 1000 watt power for electrical appliances, 1 hours of power consumption is 1 degrees, so the automatic heating 1500 corrugated electric water heater water heater every three hours 30 minutes, the heating time is 240 minutes a day, daily consumption of 6 degrees. The use of automatic switch socket, can be set in the first half hour to get up in the morning after getting up heating, can use hot water; set home half an hour before the start of heating, home to wash a hot bath. If it is a family of three, night water heater also need to work one and a half hour a day heating, water heater is working time is shortened to two hours, saving 3 degrees, and the service life of the water heater is prolonged, set energy saving, convenience, safety, practicality.

2 drinking water machine

Many home or office drinking machine 24 hours of electricity, drinking water machine 300 watts per 20 minutes 5 minutes a day heating, heating $24 \times 60 / 20 \times 5 = 360$ minutes = 6 hours, daily consumption of $0.3 \times 6 = 1.8$ degree, a degree of power 648. The use of timers, set before get up and go home 15



minutes before electricity, home will drink, hot water. In the evening, 6 points to 12 points can make the machine electricity, heating for 100 minutes every day, daily consumption of $0.3 \times 1.7 = 0.51$ degrees, the monthly power consumption of 15.3 degrees, 183.6 degrees a year. At the same time, drinking water heating for more than 6 hours will produce nitrite, can cause cancer, vascular disease, the heating time switch time is the best solution.

3 ADSL broadband

Home users in the use of ADSL Internet access, usually before starting to ADSL broadband cat power, even with 2 computer with internet router user, its broadband modem and router will not start too long, which rarely occur because the network equipment work for a long time, because the chip overheating or efficiency to reduce the impact of the Internet speed the situation. But the user unit and home users, on the contrary, because people often want to prolong the using time after work, network administrators can not work on power off broadband cat, routers, switches and other network equipment, which will cause the unit network devices often work continuously, long-term work, the resulting network rate decreased, ARP not rare. In particular, some broadband LAN routers, switches are SOHU models, low price, functional and practical, but most are molded case, is not conducive to heat dissipation, the internal power, chip design standards are not high, it is difficult to sustain long-term continuous work. In such networks, network equipment work for ten days and a half months, the stability of the inevitable fall.

HP510 energy-saving timing switch opening and closing time control network devices, can effectively resolve the problems mentioned above. For example, the timer is energized time setting is 5:00 per day, closing time set to 24:00 every day, so they can not affect the general office application at the same time, let the network equipment and rest for a few hours a day, electricity, heat satisfy both sides.

The development direction of energy-saving socket industry

According to the survey, household appliances standby phenomenon in China is very common, do not power off nearly 70% of the use of household electrical appliance, as more than three people don't even know the standby will power. Electrical long-term standby three "crimes". One: the electrical energy consumption amazing -- not energy-saving. Standby years "eat" out countries hundreds of billion kwh. Two: the accident occurred frequently -- not safe. According to statistics, the fire damage in three into above are caused by



electrical fires, the arch-criminal was socket appliances. Investigate its reason, besides the socket of poor quality, another important reason is that in the long-term electricity state of the electric appliance, the existence of security risks, waiting for a long time, lead to overload of work and risk. The socket has become a household electrical safety weakness! Three: reduce the service life of the electric -- not the economy. Electrical long time standby, will lead the line aging, shorten the service life of all kinds of electrical appliances, increasing the use of electrical appliances cost.

With the 2006 the Fifth China International Power Industry Exhibition (CIPSE), China International Power Technology Industry Forum (IFPST) convened, home appliance standby power consumption has become the focus of attention of the industry. At the same time, along with the electricity price adjustment in some areas, power once again become a hot topic.

Eliminate electric standby phenomenon in two ways: one is manual mode, used to cut off the power supply electrical manual. Another is the automatic mode, with some professional energy-saving equipment can automatically cut off the power supply. Energy-saving timing socket timely response to market demand.

According to the determination, electrical appliances in standby mode power consumption is about the boot power 10%, about 5 to 15 watts range. TV, air conditioning, computer, water dispenser, electric water heaters and other commonly used home appliances home standby energy consumption together, equivalent to open a 30 to 60 watt incandescent light, generally 1 days standby 16 hours, 1 ~ 3 day that is a waste of 1 degrees. This is just a family, the national enterprise, the family together, the standby energy consumption is even more amazing. In addition, learned from the state electricity sector, because the average household National City standby consume more energy consumption by 10%, the average family for more than a year to pay the electricity bills of 100 yuan. At the same time, in the life of the standby state apparatus is greatly reduced, which also increasing the use cost of electrical appliances. Direct energy saving benefits and indirect benefits make power-saving socket pursued by the market.

As people living increasingly improving, household electrical appliances have become