

Modify the solar insect killer lamp to generate electricity

What is solar light Insect Pest Trap Research?

The Solar light insect pest trap research is an experimental research. The purpose is, to produce and invent Solar Energy-Based Insect Pest Trap by using ultraviolet LED bulbs as a light source. The ultraviolet is effective wavelength to tempt insects. Solar cells are used to charge

Can a solar-powered LED trap control insect pests?

Pest control is a major challenging component in agricultural and horticultural crops. Recently, the light-emitting diode (LED) trap driven by solar energy is a growing eco-friendly technology in pest control. The study was aimed to design, fabricate and investigate the effectiveness of a portable solar-powered LED trap for monitoring insect pests.

How solar energy-based Insect Pest Trap Works?

If the sun sets or the sensor cannot get any light, the switch works by transferring electric energy from battery to LED. The LED bulbs will on at nighttime. e) Electronic mosquito trap is used to shock insects which fly to LED. 2. Invention. The main structure of Solar Energy-Based Insect Pest Trap is made from steel for durable using in

Is solar operated insect light trap eco-friendly?

Keeping these points in view, developed eco-friendly solar operated insect light trap for control pest population. The experiment was conducted by using solar photovoltaic operated light trap with three colored LED having 5 Watt power rating bulb viz., blue, yellow, and UV-A blue.

Can solar energy-based Insect Pest Trap be installed in agricultural fields?

Solar Energy-Based Insect Pest Traps can be installed in agricultural fields, as shown in Figure 2. The test is conducted by setting the trap in these fields to find what types of insect and pest can be trapped. (Figure 2a-b)

How solar led pest control light works?

Monitors and controls the pest populations without any use of pesticides. The solar LED pest control light is environmentally friendly, energy-saving, easy to use and independent of the electricity. Based on the phototaxis of targeted pests, it adopted the strobe light way to reduce power consumption

A solar-powered mosquito trap is developed in this study to attract mosquitoes into the trap by sucking them toward a shock net while they are drawn to an SMD LED light. View ...

The solar board situated on the uppermost side of the torchlight will transform solar energy into electricity applied to replenish the rechargeable battery. ... This solar light will help formulate a secure, guarded, and embracing atmosphere and intensify each panorama and courtyard. ... PIC Solar Insect Killer Torch.



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IP Rating: IP65 Emitting Color: Blue Certification: CE, RoHS Products Name: Light with Trap Mosquito Lamp Solar Mosquito Kill Light Source: Frequency Vibration Lamp Working Voltage: 12V/220V

Mosquito Killer Lamp, 2 In 1 Solar Power Fly Zapper with 1200mAh USB Rechargeable Insect Killer, Electric Mosquito Repellent With LED Light, Bug Zapper For Garden Outdoor and Indoor, Black ... High Power UV Light attracts Flies Gnats Moths, Insect Killer Lamp for Garden Patio Backyard Camping. 4.6 out of 5 stars 4. Limited time deal.

Description Product Name: Solar dual-use insect killer Rated voltage: 1.2V Size: 280*50*50(mm) Length: 50 (mm) Battery capacity: 3.7V/18650 lithium battery 2000mAh Working power: 0.6W Light color: purple light kills mosquitoes Solar panels: 0.6W polycrystalline silicon solar panels Light source type: 4 LED 5MMUV beads Waterproof rating: IP65 Working time: 10 hours Light ...

LONG-LASTING, EZ-CLEAN MOSQUITO LIGHT: These bug zappers last up to 8,000 hours to protect your home well beyond the summer mosquito season TWO MODES: the white light can be used as a lawn lamp, the purple light is used for the mosquito killer lamp. BATTERY: 3.7V 2400mha; SIZE: 21cmx20.5cm; SOLAR & USB rechargeable Delivery time and arrangement

Product Description The PIC Solar Insect Killer Torch is weatherproof and uses the power of the sun to zap flying insects with 600 volts. With the no-touch catch tray, the zapped insects can be disposed of easily and without coming in contact with the grid. The flickering flame LED mimics the allure and aesthetic of an open flame without the hazard while a blue UV LED attracts ...

Mosquito Killer Lamp, 3 in 1 Camping Lantern, LED Flashlight Emergency Light Charged by USB and Solar, Electronic Bug Zapper UV Insect Fly Trap Lamp Portable Mosquito Insect Killer : Amazon : Giardino e giardinaggio

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In the proposed paper, a Solar Energy based Insect Pest Trap has been designed. The basic idea of this model is to invent a solar energy based insect trap by using LED bulb as light source. ...

This PIC solar insect killer torch with LED flame effect is a very nice addition to my patio's decor. The "flame" is very realistic and very pretty in the evening. The pole could be a bit more sturdy. I just added a few rocks around the bottom of the pole. I would like to get a few more of these for the pretty glow & place them around my ...



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Solar Mosquito Killer Lamp, 3 In1 LED Solar Power Bug Zapper with 1800mAh USB Rechargeable Battery, IP67 Waterproof SOS Emergency for Home,Camping,Outdoors,Gnats,Backyard,Patio ... Solar Insect Fly Killer with Light Sensor, Electric Mosquito Killer Lamp, Bug Zapper, USB Rechargeable Flies Insect Trap, Waterproof ...

Mosquito Killer Lamp, 2 In 1 Solar Power Fly Zapper with 1200mAh USB Rechargeable Insect Killer, Electric Mosquito Repellent With LED Light, Bug Zapper For Garden Outdoor and Indoor, Black. ... Insect Killer Lamp for Garden Patio Backyard Camping. 4.0 out of 5 stars 5. £29.99 ...

Our main products are solar panel, solar power plant. Based on the production of solar panel, our engineers researched and developed solar pest killing lamp, solar mosquito killing lamp and some other solar application products. In 2018 Goldsun company invest to build a joint venture company named Yingli Energy(Yantai) Co., Ltd together with ...

The PIC insect killer torch is a solar bug zapper with a built-in flame less torch. It mimics the look of an oil burning torch without the fire or chemicals. ... Prices and availability of products and services are subject to change without notice. Errors will be corrected where discovered, and Lowe's reserves the right to revoke any stated ...

Solar Insect Zapper (SIZ) aims to address these concerns by offering a clean and effective alternative.². Harnessing the Power of the Sun:The Solar Insect Zapper utilizes advanced solar technology, integrating a high-efficiency solar panel to provide uninterrupted power.

Web: <https://www.arcingenieroslaspalmas.es>