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Jepwe SE566

Jepwe 4500V Solar Bug Zapper (Model SE566) Instruction Manual

1. Introduction

Thank you for choosing the Jepwe 4500V Solar Bug Zapper. This device is designed to provide effective insect control for both indoor and outdoor environments. Featuring dual charging options (solar and USB), a powerful 4200V electric grid, and smart light sensing, it offers a convenient and efficient solution for a pest-free space.

This manual provides essential information for the safe and optimal use of your bug zapper. Please read it thoroughly before operation.

2. Safety Information

- Keep the device out of reach of children and pets.
- Do not touch the internal electric grid with bare hands or conductive materials when the device is powered on.
- Ensure the device is switched off before cleaning or maintenance.
- Although the device is IP44 waterproof, avoid immersing it completely in water or using high-pressure water jets directly on the electrical components.
- Do not modify or disassemble the device. Contact customer support for repairs.
- Place the bug zapper away from flammable materials.

3. Package Contents

Verify that all items are present in the package:

- Bug Zapper (x1)
- Ground Brackets (x2)
- Solar Panel (x1)
- Screws (x2)
- Hanging Chain (x1)
- Hanging Chain/Type-C Cord (x1)
- Solar Panel Extension Cord (x1)
- User Manual (x1)



Figure 1: Package contents and product dimensions. The image displays the bug zapper unit, solar panel, ground stakes, hanging chains, screws, and charging cables, along with a diagram showing the product's dimensions (14.9 x 6.7 x 11.1 inches).

4. Setup

The Jepwe Solar Bug Zapper offers versatile placement options:

4.1 Ground Installation

1. Attach the two ground brackets to the bottom of the bug zapper unit using the provided screws.
2. Insert the assembled unit into the ground in your desired location. Ensure the solar panel is facing an area with maximum sunlight exposure.

4.2 Hanging Installation

1. Attach the hanging chain to the designated hooks on the top of the bug zapper unit.
2. Hang the unit from a tree branch, wall hook, or other suitable fixture.

4.3 Tabletop Placement

The bug zapper can also be placed directly on a flat surface such as a table or deck without using the ground stakes or hanging chain.



Figure 2: The bug zapper shown inserted in grass with stakes, hanging on a wall, and hanging on a tree, demonstrating its versatile placement options.



Figure 3: The 3-in-1 design of the bug zapper, highlighting its ability to be used with ground stakes, hung, or placed on a surface.

5. Charging

The Jepwe Solar Bug Zapper offers two convenient charging methods:

5.1 Solar Charging

The integrated solar panel charges the internal battery during daylight hours. For optimal charging, ensure the solar panel is positioned to receive direct sunlight. The angle of the solar panel can be adjusted to maximize sun exposure.

5.2 USB-C Charging

For faster charging, or during periods of low sunlight, the device can be charged via the USB-C port. Connect the provided USB-C cable to the port on the side of the unit and plug it into a compatible USB power source.



Figure 4: The bug zapper illustrating both solar charging (outdoors) and USB-C charging (indoors) capabilities.



Figure 5: Visual representation of the multiple charging options: solar charging in sunlight and USB-C charging indoors.

Video 1: Demonstrates the solar bug zapper's outdoor and indoor protection, including its dual charging capabilities and various placement options.

6. Operating Instructions

The bug zapper features a simple control switch for operation:

6.1 Power Switch Settings

- **AUTO:** In this mode, the smart light sensor automatically turns the UV light on at dusk and off at dawn, conserving battery life and providing hands-free operation.
- **OFF:** Powers off the device.
- **ON:** Keeps the UV light continuously on, regardless of ambient light conditions.



Figure 6: The bug zapper highlighting its intelligent light sensing mode, which automatically activates the zapper at night and charges during the day.



Figure 7: Illustration of the intelligent light sensor, showing automatic turn-off during the day and automatic turn-on at night.

6.2 Insect Attraction and Elimination

The device uses a 360° range 365-395nm UV light to attract mosquitoes, flies, moths, and other flying insects. Once attracted, they are eliminated by the 4200V high-voltage electric grid.



Figure 8: The bug zapper demonstrating its 4500V high-efficiency insect killing capability using 365nm UVA light, covering an area of 120 m².



Figure 9: The bug zapper in operation, showing insects being zapped by the electric grid, indicating its effectiveness.

Video 2: Highlights the bug zapper's effectiveness against various insects, its waterproof design, and the auto/on switch functionality.

Video 3: Showcases the bug zapper's ability to provide a pest-free environment, emphasizing its automatic operation and effectiveness.

Video 4: Illustrates the bug zapper's suitability for various outdoor settings like patios, gardens, and backyards, ensuring a comfortable experience.

7. Maintenance

Regular cleaning ensures optimal performance of your bug zapper.

7.1 Cleaning Instructions

1. Ensure the device is switched to the **OFF** position before any cleaning.

2. The device is IP44 waterproof, allowing for easy cleaning with water. You can gently rinse the unit to remove accumulated insect debris.
3. Avoid using high-pressure water directly on the electrical components or immersing the entire unit in water.
4. Allow the unit to dry completely before switching it back on.



Figure 10: The bug zapper being cleaned with water, demonstrating its IPX5 waterproof rating and ease of maintenance. Remember to switch off before cleaning.

Video 5: Demonstrates the waterproof feature of the bug zapper, showing it being rinsed with water for easy cleaning.

8. Troubleshooting

- **Device not turning on:** Ensure the power switch is set to 'ON' or 'AUTO'. Check if the battery is charged (via solar or USB-C).
- **Reduced effectiveness:** Clean the electric grid regularly to remove accumulated insect debris. Ensure the solar panel is clean and receiving adequate sunlight.
- **Solar panel not charging:** Verify the solar panel is positioned for maximum direct sunlight exposure. Clean any dirt or obstruction from the panel surface.

9. Specifications

Feature	Specification
Brand	Jepwe
Model Number	SE566
Item Weight	5.13 pounds (2.33 Kilograms)
Product Dimensions	14.9 x 6.7 x 11.1 inches
Voltage	4200V
Coverage Area	Up to 2100 sq ft (approx. 120 m²)
UV Light Wavelength	365-395nm

Feature	Specification
Waterproof Rating	IP44
Charging Options	Solar, USB-C
Battery	1 Lithium Ion battery (included)

10. Warranty and Support

Jepwe is committed to quality and reliability. We offer the following support for your product:

- **2 Years Free Replacement:** Enjoy peace of mind with our 2-year free replacement policy.
- **Lifetime Technical Support:** Our dedicated team provides lifetime technical support for any product-related inquiries.
- **24 Hours Online Reply:** Expect prompt responses to your questions with our 24-hour online reply service.



Figure 11: Information on Jepwe's customer support, including lifetime technical support, 2-year free replacement, and 24-hour online reply.

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