

DT030

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4.750

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**DT030 Solar Bug Trap User Manual**

The Dynatrap Solar Bug Trap is an advanced insect trap that uses UV LED light to attract mosquitoes and other flying insects. Once lured, insects are quietly and efficiently drawn in by a fan and captured in an easy-to-empty catch basket. Ideal for indoor and outdoor use, it features multiple operating modes and flexible power options for maximum convenience.

**Getting Started**

**What's in the Box**

- 1 Dynatrap® Solar Bug Trap
- 1 power cord (USB-C)
- 3 removable legs (for tabletop use)

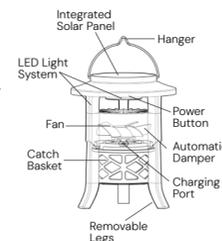
**Power Options**

Your trap can run from three different power sources, providing maximum flexibility.

Power Option	What to do	When to use
Solar	Place the trap in direct sunlight to charge via the built-in solar panel. <small>Note: Trap run-time from solar charge is dependent on sun intensity and will be less than run-time from full charge when plugged in.</small>	In areas with ample sunlight.
Cordless	Charge the trap, then unplug it for placement. It takes approximately 3.5 hours for the battery to fully charge. The trap can run for up to 5 hours on a full charge.	In areas that do not have ample sunlight or access to a wall outlet.
Plug	Connect the power cord to the trap and plug it into a standard wall outlet for continuous use.	Recommended if you want to run your Dynatrap 24/7 for maximum protection.

**How to Charge**

1. Connect the power cord to the trap and plug into a standard wall outlet.
2. A red LED light under the lid will illuminate to show that charging is in progress.
3. Once fully charged, the LED light will turn green.



**How to Operate**

**Powering ON:** Press the Power Button one time.  
**Powering OFF:** Press the Power Button repeatedly until the fan, center light, pillar lights and lantern light turn OFF.



Your trap can function in two modes: Manual Mode or Automatic Mode.

**Manual Mode**

- The trap is turned ON and OFF manually, with the operating function chosen by the user.
- This mode is ideal for users who wish to control when the trap runs or operate the trap continuously, 24/7.

**Automatic Mode**

- Dusk-to-Dawn feature turns on at dusk and off at dawn when trap is plugged in.
- Once set, the trap keeps the selected setting and operating function until the user changes it.

Mode	How to Select
Manual Mode	Trap arrives in Manual Mode (default setting). Simply turn trap ON by pressing the power button one time.
Automatic Mode (Dusk-to-Dawn)	To enter Automatic Mode: 1. Trap must be turned ON and in Manual Mode. 2. Navigate to your desired operating function (Standard, Enhanced or Lantern--see table below). 3. To activate Automatic Mode, press and hold the power button for 4 seconds until the pillar lights flash three times. The trap will now turn ON at dusk and OFF at dawn in the selected operating function. To exit Automatic Mode: 1. Press and hold the power button for 4 seconds until pillar lights flash two times. The trap is now in Manual Mode.

**Operating Functions**

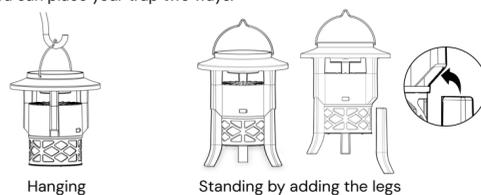
Next, select your preferred operating function.

Function	When to use	What to do	What you'll see
Standard Trapping	Insect activity is low to moderate	From the OFF position, press the power button <b>one time</b> .	Center UV light and fan ON
Enhanced Trapping	Insect activity is high	From the OFF position, press the power button <b>two times</b> .	Center + Post UV lights and fan ON

Function	When to use	What to do	What you'll see
Lantern (white light only, no trapping)	During evening or nighttime hours for additional light. <b>Note:</b> When your Dynatrap is in the Lantern function, trapping functions are disabled.	From the OFF position, press the power button <b>three times</b> .	Center light ON, fan OFF

**Place Your Device**

You can place your trap two ways:

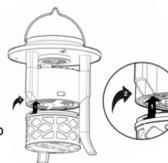


- For best results, we recommend placing your trap:
- 3 to 6 feet above the ground
  - 20 to 40 feet away from your area of enjoyment
  - Away from main light sources

**Maintenance**

Clean the trap at least once a week to extend the lifespan of the trap, ensure fire prevention, promote more effective solar charging, and ensure overall efficient operation.

- Unplug before cleaning.
- Twist the catch basket counterclockwise to remove the catch basket. Remove the damper by grasping and lifting the center crossbar.
- Remove insect debris and any buildup from inside the catch basket.
- Replace the damper by placing it back into the basket.
- Reattach the catch basket to the trap by (1) aligning the opening at the top edge of the basket with the leg positions on the upper trap assembly and (2) turning the catch basket clockwise to lock it into place.
- Close the charging port cover when trap is not in use.



**Safety**

- Always keep the catch basket clean to ensure optimal airflow.
- Use only the provided power cord.
- Do not clean the trap with water spray.
- Do not submerge the trap in water.
- Avoid placing the trap in heavy rain or extremely dusty environments.
- To reduce risk of injury from moving parts or electric shock, always turn OFF and disconnect plug when not in use and before cleaning.
- Do not position the trap near heat, gas, oil or other flammable materials.
- Do not abuse the cord. Never carry or hang the trap by the cord or yank it to disconnect from receptacle. Keep cord away from sharp edges.
- Never operate the trap if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or if it has been dropped into water or other liquid.
- When using outdoors, connect only to a circuit that is protected by a ground-fault circuit-interrupter (GFCI).
- When using outdoors, use only extension cords with a tag stating "Suitable for Use with Outdoor Appliances."

**Troubleshooting**

Issue	Solution
Trap not turning on or lights not working	Make sure you press the power button to turn the trap ON. Ensure the trap is charged and/or plugged in securely. Check the plug, receptacle and fuse or circuit breaker. <b>Note:</b> If the trap is in Dusk-to-Dawn mode, it will only operate in dark conditions.
Fan not working	Make sure you press the power button to turn the trap ON. Check the power cord cable connection and power source. Turn the trap OFF and remove the catch basket. Ensure the fan is clear of foreign material, dirt or build-up of insect debris. See the "Maintenance" section.
Dusk-to-Dawn Mode not active	Make sure your trap has power (is fully charged or plugged in). Hold the button in the Enhanced Trapping function for 4 seconds to enable. <b>Note:</b> If the trap is in Dusk-to-Dawn mode, it will only operate in dark conditions. See the "How to Operate" section.
Catch basket not staying attached	See the "Maintenance" section.
Solar charger not working	Ensure the trap is placed in a location with full sun during the day. Ensure your solar panel surface is clean.

**LIMITED WARRANTY**

DYNAMIC® guarantees to the original purchaser that this product is free from defective materials and workmanship. This warranty is limited to remedy any defective part for a period of one year. Retain your original receipt as proof of purchase. This warranty does not apply to the light bulb, nor to, in our judgment, misuse or abuse. If this unit has been altered, no warranty is in force. This warranty does not apply if this unit is purchased outside the United States, excluding Canada and Mexico. In no case shall DYNAMIC be liable for any accidental, punitive, consequential, or any other damages or any kind of breach of this or any other warranty, expressed or implied, whatsoever. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

**FOR HOUSEHOLD AND COMMERCIAL, INDOOR AND OUTDOOR USE**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:** Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
- Reorient or relocate the receiving antenna.  
- Increase the separation between the equipment and receiver.  
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
- Consult the dealer or an experienced radio/TV technician for help.  
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**IMPORTANT SAFETY INFORMATION. READ CAREFULLY BEFORE USE.**

**NOTICE:**

This product contains a lithium-ion battery which is subject to certain transport restrictions. Inspect the product's packaging prior to transport. Do not transport this product if the component housing the battery is damaged. When using rechargeable battery-operated products, basic precautions should always be taken. To reduce the risk of injury, close supervision is necessary when a product is used near children.

KEEP OUT OF REACH OF CHILDREN. DO NOT put fingers, hands, metal, or other foreign objects in the product. Do not remove the battery from the equipment housing as the battery is NOT replaceable. Recharge only with the supplied charging unit in a properly functioning electrical outlet. Do not store with battery completely discharged for extended periods of time. Batteries should be charged at least once every 3 months during storage. Battery should be discharged and charged after being stored for more than a year to maintain optimal battery capacity. The battery should not be exposed to high temperatures, fire, water or other liquids. Charging improperly may damage the battery and increase the risk of fire. If any leaks, odors, or deformities are noticed in the structure housing the battery, immediately discontinue use and dispose of safely. Do not expose the device to water or otherwise allow the device to get wet. Do not modify or attempt to repair the device or disassemble product. Do not expose to high temperatures, fire, water or other liquids.

For disposal: Contact your local waste management facility for proper disposal instructions. Improper disposal may cause environmental harm or safety hazards, including fire risk. Ensure the device is disposed of in accordance with local regulations for electronic waste and hazardous materials.

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For Spanish version of this user manual, scan the QR code below:

