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72ft 200 LED 8 Modes Outdoor String Lights

1. PRODUCT OVERVIEW

The Toodour Solar Christmas Lights are designed for both indoor and outdoor decorative lighting. This 72-foot string features 200 LED lights and is powered by solar energy, offering convenience and energy efficiency. It includes 8 different lighting modes to suit various preferences and occasions.

- **Solar Powered & Auto On/Off:** Utilizes solar energy, eliminating the need for external power. A light sensor automatically charges the lights during the day and turns them on at dusk.
- **8 Lighting Modes:** Features two control buttons (On/Off and Mode) to select from 8 distinct lighting effects.
- **Waterproof Design (IP65):** Constructed to withstand various weather conditions, including heavy rain and snow, making it suitable for outdoor use.
- **Memory Function:** An integrated memory chip saves your last selected lighting mode, so there's no need to reset it each time.
- **Easy Installation:** Comes with a ground stake for the solar panel and a 72ft long string of lights, ideal for wrapping around trees, fences, patios, and more. The lead cable from the solar panel to the first LED is approximately 6.5 ft.



Image: The Toodour Solar Christmas Lights coiled, showcasing the vibrant multicolor LEDs.

2. SETUP INSTRUCTIONS

Follow these steps to set up your Toodour Solar Christmas Lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Ensure the solar panel, connecting rod, spike, and light string are present and undamaged.
2. **Assemble the Solar Panel:**
 - Connect the connecting rod to the solar panel.
 - Attach the spike to the other end of the connecting rod.
3. **Position the Solar Panel:**
 - Choose a location where the solar panel will receive direct sunlight for at least 6-8 hours daily. Avoid shaded areas.
 - Insert the assembled spike into the ground firmly. Alternatively, the solar panel can be mounted on a wall using screws (not included) if ground installation is not feasible.
 - Adjust the angle of the solar panel to optimize sunlight absorption.

4. Install the String Lights:

- Carefully uncoil the 72ft light string.
- Drape or wrap the lights around your desired outdoor or indoor features, such as trees, fences, balconies, or patios. Ensure the lead cable from the solar panel reaches the start of your desired lighting area.

5. **Initial Charge:** Before first use, ensure the solar panel is exposed to direct sunlight for a full day (8-12 hours) with the power button in the "ON" position to allow the internal battery to fully charge.



Image: Detailed diagram illustrating the solar panel components, including the mode and power buttons, connecting rod, and spike, along with ground and wall installation methods.



Image: Visual guide demonstrating the two primary installation methods: inserting the solar panel into the ground and screwing it onto a wall.

3. OPERATING INSTRUCTIONS

Operating your Toodour Solar Christmas Lights is straightforward:

1. **Power On/Off:** Locate the "ON/OFF" button on the back of the solar panel. Press this button to turn the lights on or off. For automatic operation, ensure the switch is in the "ON" position.
2. **Automatic Operation:** When the power switch is "ON", the built-in light sensor will automatically turn the lights on when it gets dark and turn them off when daylight returns. The solar panel will simultaneously charge the internal battery during the day.
3. **Select Lighting Mode:** Press the "MODE" button on the back of the solar panel to cycle through the 8 available lighting modes. These modes include combinations of steady on, flashing, waves, sequential, slow glow, chasing/flash, slow fade, and twinkle/flash.
4. **Memory Function:** The lights are equipped with a memory chip that remembers your last selected mode. When the lights turn on automatically the next evening, they will resume the previously chosen mode.



Image: Visual representation of the solar panel's auto on/off function, showing it absorbing sunlight during the day and the lights illuminating at night.

Your browser does not support the video tag.

Video: An official product video from Toodour Direct demonstrating the multicolor Christmas lights in various settings and modes.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your solar lights:

- **Clean the Solar Panel:** Regularly wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, snow, or debris. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Battery Care:** The lights use a NiMH battery. While designed for durability, extreme temperatures can affect battery life. If storing the lights for an extended period, ensure the battery is fully charged and store in a cool, dry place.
- **Waterproof Rating:** The lights are IP65 waterproof, meaning they are protected against dust and low-pressure water jets. While suitable for outdoor weather, avoid submerging the solar panel or lights in water.
- **Wire Inspection:** Periodically check the wiring for any signs of damage, fraying, or loose

connections. Handle the light string gently during installation and removal to prevent damage.



Image: A close-up view of the string lights nestled in grass with visible raindrops, highlighting their IP65 waterproof capability.

5. TROUBLESHOOTING

If you encounter issues with your Toodour Solar Christmas Lights, refer to the following common solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Solar panel not receiving enough sunlight. Power switch is in "OFF" position. Battery is not charged. Ambient light is too bright.	Relocate the solar panel to an area with direct sunlight for 6-8 hours daily. Ensure the "ON/OFF" switch on the solar panel is set to "ON". Allow the solar panel to charge for a full day in direct sunlight. Ensure the solar panel is not near other light sources (e.g., streetlights, porch lights) that might prevent the light sensor from activating.

Problem	Possible Cause	Solution
Lights stay on for a short duration.	Insufficient charging time. Dirty solar panel. Old or weak battery.	Ensure the solar panel receives maximum direct sunlight. Clean the solar panel surface regularly. Consider replacing the NiMH battery if it no longer holds a charge effectively.
Lights are dim.	Insufficient charge. Dirty solar panel.	Ensure the solar panel is fully charged. Clean the solar panel surface.

6. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Toodour
Model Number	DSL-100-200
Color	Multicolor
Light Source Type	LED
Number of Light Sources	200
Item Length	72 Feet
Power Source	Solar Powered
Indoor/Outdoor Usage	Indoor, Outdoor
Waterproof Rating	IP65
Controller Type	Button Control
Battery Cell Type	NiMH
Batteries Included?	Yes
Material	Plastic
Item Weight	15.2 ounces (0.95 Pounds)
UPC	667016143192

7. WARRANTY AND SUPPORT

The Toodour Solar Christmas Lights (Model DSL-100-200) come with a **1-year warranty** from the manufacturer.

For any product inquiries, technical support, or warranty claims, please contact Toodour customer service through their official channels. Refer to your purchase documentation or the Toodour brand store on Amazon for contact information.

Toodour Brand Store: [Visit the Toodour Store on Amazon](#)

