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› ASHATA Solar-Powered Pet Kennel Heater with 30W Monocrystalline Panel User Manual

ASHATA ASHATA Solar Pet Heater 30W

ASHATA Solar-Powered Pet Kennel Heater

USER MANUAL

1. Introduction

Thank you for choosing the ASHATA Solar-Powered Pet Kennel Heater. This device is designed to provide warmth for your pets in kennels or for heating vehicle interiors using clean, renewable solar energy. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of the product. Keep this manual for future reference.

2. Product Overview and Components

The ASHATA Solar-Powered Pet Kennel Heater system includes a high-efficiency solar panel, a compact heating unit, and necessary accessories for installation and power management.



Figure 2.1: Complete ASHATA Solar-Powered Pet Kennel Heater kit, showing the solar panel, heating unit, and power management box.

Package Contents:

- 1 x Pet Heating Unit
- 1 x 30W Monocrystalline Solar Panel
- 1 x Power Management Box (with USB and Type-C ports)
- 1 x DC Power Cable
- 1 x Mounting Bracket for Heating Unit
- 1 x Adhesive Pad
- Other Installation Accessories (e.g., hooks, screws)
- 1 x User Manual (this document)



Figure 2.2: Detailed view of all included components, including the solar panel, heating unit, power box, and various accessories.



Figure 2.3: The 30W monocrystalline solar panel, featuring high-efficiency cells and durable construction.

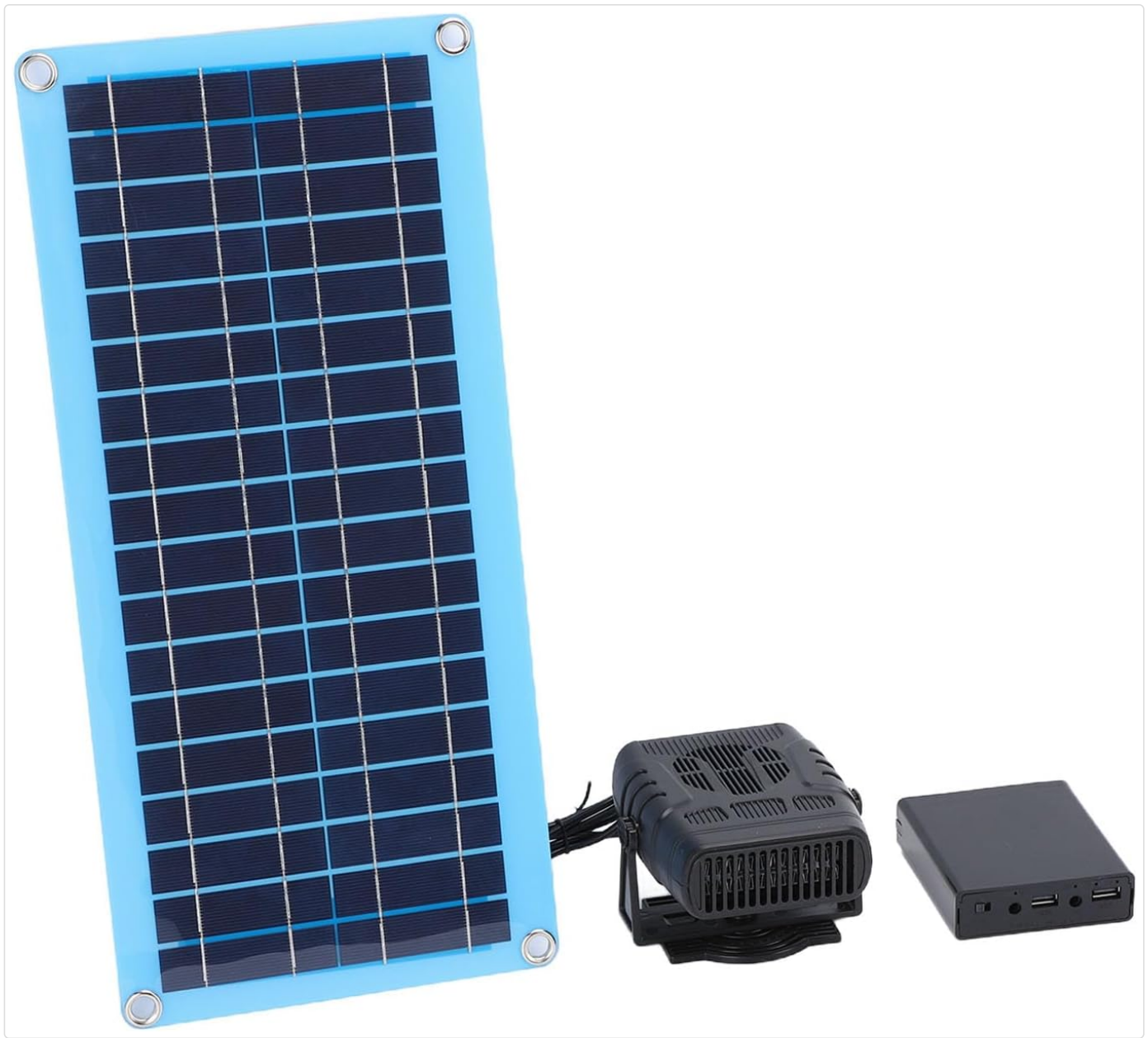


Figure 2.4: The compact heating unit, designed for efficient heat distribution.



Figure 2.5: The power management box, providing connectivity for the heating unit and additional USB/Type-C charging options.

3. Specifications

Feature	Specification
Item Type	Pet Heating System
Material	Plastic
Product Weight	Approx. 716 g (25.3 oz)
Solar Panel Type	Monocrystalline
Solar Panel Power	30 W
Solar Panel Dimensions	Approx. 43 x 20 cm (16.9 x 7.9 inches)
Overall Product Dimensions	Approx. 43 x 20 x 5 cm
Color	#811 (Black heater, Blue-edged solar panel)

4. Setup and Installation

The ASHATA Solar-Powered Pet Kennel Heater is designed for easy installation and portability. Follow these steps to set up your heating system.

4.1 Solar Panel Placement

1. Choose a location for the solar panel that receives maximum direct sunlight throughout the day. Avoid shaded areas.
2. For outdoor use (e.g., pet kennel), secure the solar panel using the integrated grommets and appropriate fasteners (not included, depending on surface).
3. For vehicle use, the solar panel can be placed on the dashboard or attached to a window using suction cups (if provided, or purchased separately).

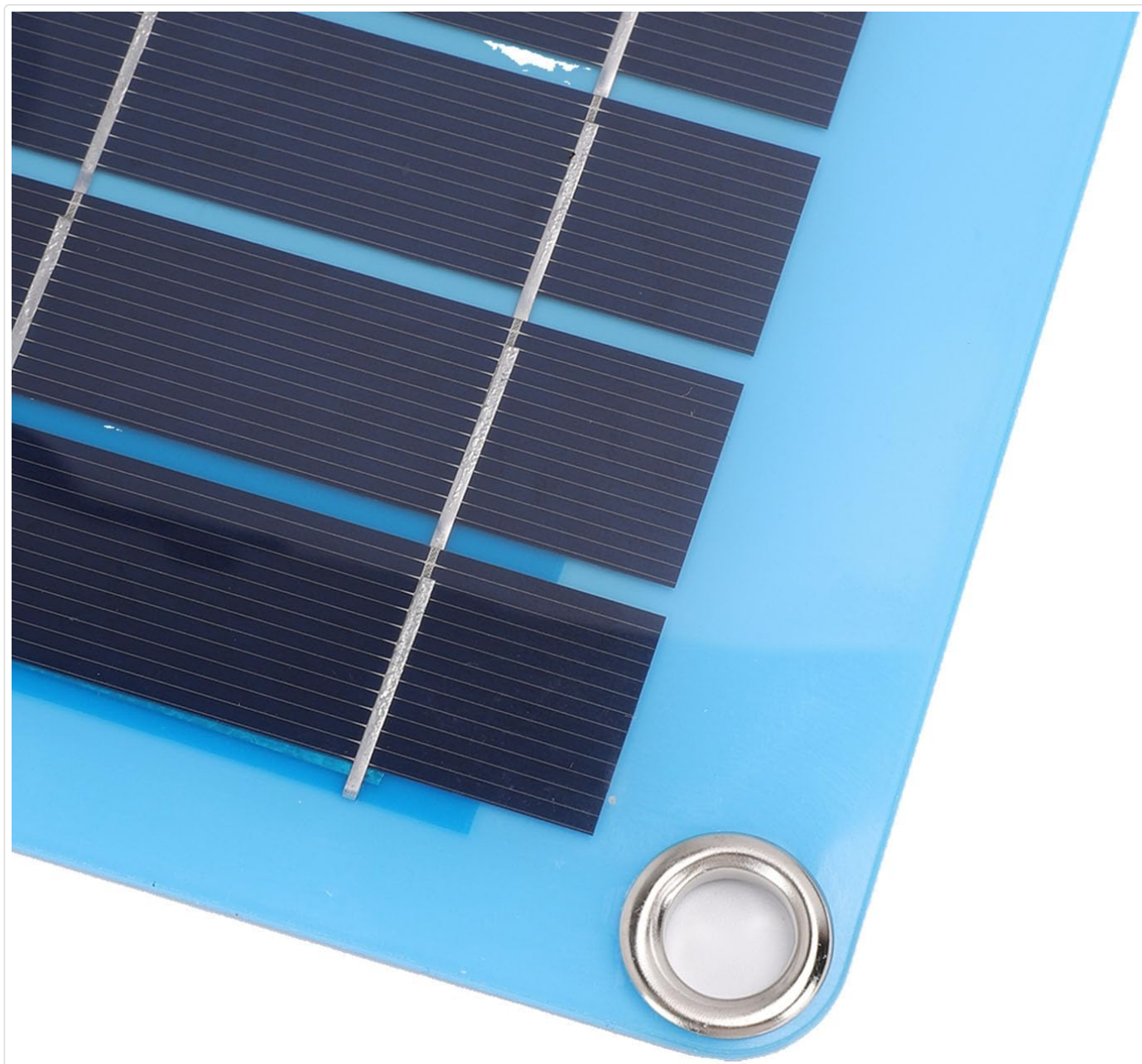


Figure 4.1: Detail of the solar panel's corner grommet, designed for secure mounting.

4.2 Heating Unit Installation

1. **For Pet Kennels:** Place the heating unit inside the kennel, ensuring it is stable and not easily knocked over by the pet. Position it to direct warm air towards the pet's resting area without being directly in contact with the pet.
2. **For Vehicle Interiors:** Use the provided mounting bracket and adhesive pad to secure the heating unit to a flat, stable surface within the vehicle, such as the dashboard or console. Ensure the airflow is not obstructed.



Figure 4.2: The heating unit shown with its power cable and adjustable mounting bracket.

Compact Portable: The lightweight and space saving construction ensures easy transportation and installation.



Figure 4.3: Example of the heating unit installed on a vehicle dashboard, demonstrating its compact and portable design.

4.3 Connecting the System

1. Connect the solar panel's output cable to the designated input port on the power management box.
2. Connect the heating unit's power cable to the DC output port on the power management box.
3. Ensure all connections are secure. The system will begin to operate when sufficient solar energy is available.

5. Operation

The ASHATA Solar-Powered Pet Kennel Heater features adjustable hot air settings for customized warmth.

5.1 Powering On/Off

The system is designed to operate automatically when the solar panel receives sufficient sunlight. There is no manual on/off switch for the solar power function. The heating unit will activate as solar energy is converted.

5.2 Adjusting Hot Air Settings

The heating unit features multiple heating levels. Refer to the controls on the heating unit itself to adjust the intensity of the hot air. Typically, a dial or buttons will allow you to select the desired heat output. Start with a lower setting and increase as needed to maintain a comfortable temperature for your pet or vehicle interior.



Figure 5.1: The heating unit actively distributing warm air within a vehicle, illustrating its rapid heating capability.

5.3 Rapid Heating Technology

The integrated heating components ensure quick heat distribution, effectively preventing winter freezing and reducing humidity. The system is designed to provide warmth efficiently, adapting to varying environmental conditions.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your ASHATA Solar-Powered Pet Kennel Heater.

6.1 Cleaning the Solar Panel

Periodically wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and energy conversion. Do not use abrasive cleaners or harsh chemicals.

6.2 Cleaning the Heating Unit

Ensure the heating unit's air intake and output vents are free from obstructions (e.g., pet hair, dust). Use a soft brush or a vacuum cleaner with a brush attachment to gently clean the vents. Do not immerse the unit in water.

6.3 Storage

If storing the unit for an extended period, disconnect all components and store them in a dry, cool place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your ASHATA Solar-Powered Pet Kennel Heater, refer to the following common problems and solutions.

7.1 Heater Not Producing Heat

- **Check Solar Panel Exposure:** Ensure the solar panel is receiving direct sunlight. Move it to a sunnier location if necessary.
- **Verify Connections:** Confirm that all cables between the solar panel, power management box, and heating unit are securely connected.
- **Clean Solar Panel:** A dirty solar panel can reduce efficiency. Clean the panel as described in Section 6.1.
- **Insufficient Sunlight:** On cloudy days or during periods of low light, the system's performance may be reduced.

7.2 Weak Airflow from Heating Unit

- **Check for Obstructions:** Ensure the air intake and output vents are not blocked by pet hair, dust, or other debris. Clean as described in Section 6.2.
- **Power Output:** Ensure the solar panel is receiving adequate sunlight to provide full power to the heating unit.

7.3 Power Management Box Not Charging External Devices (USB/Type-C)

- **Sufficient Solar Input:** Ensure the solar panel is generating enough power. Charging external devices may require more consistent sunlight than simply operating the heater.
- **Cable Connection:** Verify the charging cable for your external device is properly connected to the power management box.

If problems persist after attempting these troubleshooting steps, please contact ASHATA customer support.

8. Safety Information

Please observe the following safety precautions to prevent injury or damage to the product.

- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Keep the heating unit away from flammable materials.
- Ensure the heating unit is placed on a stable surface and cannot be easily tipped over, especially in pet kennels.
- Do not expose the solar panel or heating unit to extreme weather conditions (e.g., heavy rain, snow, hail) unless specifically designed for such conditions. While the solar panel is durable, prolonged exposure to harsh elements can affect performance.

- Keep out of reach of small children and pets to prevent accidental damage or injury.
- Always ensure proper ventilation around the heating unit.

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. ASHATA is committed to providing quality products and assistance.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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