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VEVOR M6

VEVOR M6 Automatic Solar & Battery Powered Chicken Coop Door

Model: M6

1. Introduction

The VEVOR M6 Automatic Chicken Coop Door is designed to provide a secure and convenient solution for managing poultry access. This device operates using both solar power and an internal 2000 mAh lithium battery, ensuring continuous functionality day and night. It offers flexible control options including a light sensor, timer, remote control, and manual operation. Constructed from durable aluminum alloy and ABS panels, the door is built to withstand various outdoor conditions, featuring waterproof and moisture-resistant properties. An integrated anti-pinch safety mechanism protects your chickens during operation.



Image 1: VEVOR M6 Automatic Chicken Coop Door with solar panel on a wooden coop.

2. Safety Information

This automatic chicken coop door is equipped with an anti-pinch protection system. If an obstruction is detected during closing, the door will stop and reverse its movement within 3 seconds to prevent injury to your poultry. Always ensure the path of the door is clear before and during operation. Keep hands and other objects away from the door's moving parts.





Image 2: Anti-pinch safety feature in action.

3. Package Contents

Please verify that all items listed below are included in your package:

- 1 x Automatic Chicken Coop Door Opener
- 1 x Remote Control
- 1 x USB Type-C Charging Cable

- 8 x Self-tapping Screws
- 1 x Screwdriver
- 1 x User Manual



Item Model Number: **M6**
Door Style: **Vertical Slide**
Power Supply:
Solar Powered + Type-C External Power
Operation Modes: **Remote Control / Manual Button**
Product Size: **13.78 × 9.84 × 2.87 in / 350 × 250 × 73 mm**

Light Sensor: **Included**
Timer Function: **Included**
Material: **Aluminum Alloy + ABS**
Net Weight: **2.58 lbs / 1.17 kg**

Accessories Included :
1 × Coop Door Opener
1 × Remote Control
1 × USB Type-C Charging Cable
8 × Self-tapping Screws
1 × Screwdriver
1 × User Manual

Image 3: Included components and product dimensions.

4. Setup and Installation

The VEVOR M6 chicken coop door is designed for quick installation. Follow these general steps, and refer to the detailed instructions in the included User Manual for specific guidance:

1. **Unpack Components:** Carefully remove all items from the packaging and ensure all parts listed in Section 3 are present.
2. **Choose Location:** Select a suitable location on your chicken coop for mounting the door. Ensure there is enough space for the door to slide vertically without obstruction.
3. **Mount the Door Unit:** Use the provided self-tapping screws and screwdriver to securely attach the main door unit to the coop.
4. **Install Solar Panel:** Mount the solar panel in a location that receives maximum direct sunlight throughout the day. Connect the solar panel cable to the main door unit.
5. **Initial Power-Up:** Once installed, power on the unit. The LCD screen will activate.

For detailed mounting instructions, wiring diagrams, and initial setup procedures, consult the comprehensive User Manual provided in your package.

5. Operating Instructions

The VEVOR M6 offers multiple operating modes for flexible management of your chicken coop.

5.1 Power Supply

The door operates on a dual power system: solar energy and an integrated 2000 mAh lithium battery. The solar panel recharges the battery during the day, ensuring continuous operation even during the night or on cloudy days. An external Type-C power input is also available for charging if needed.

5.2 Control Modes

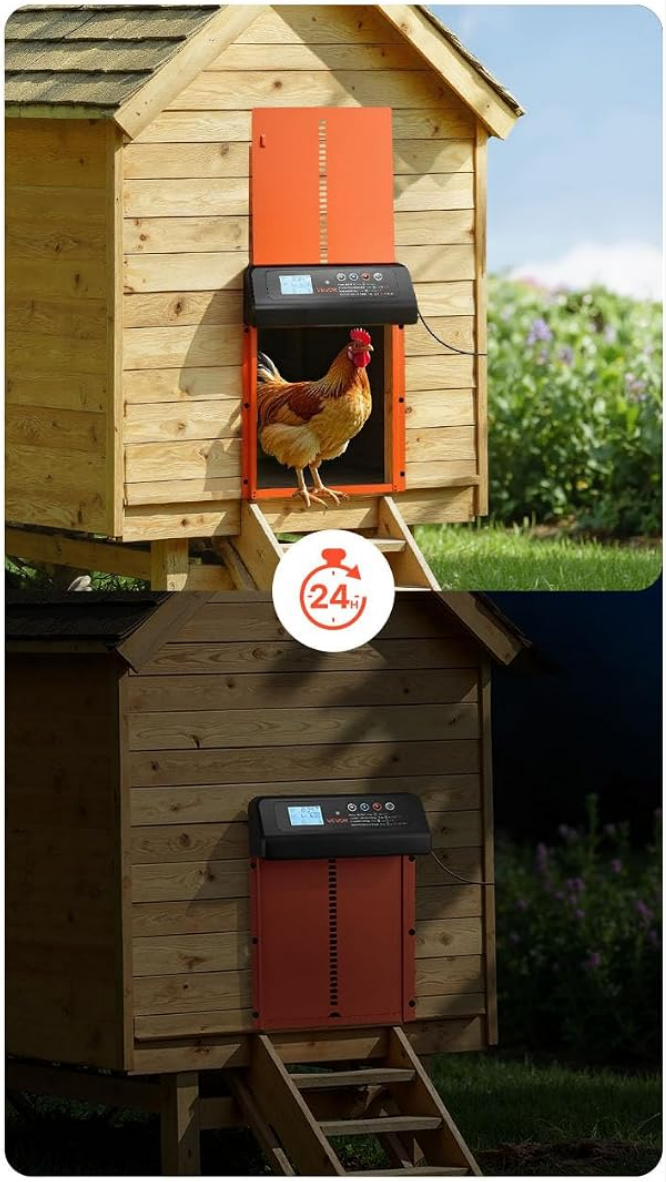
The unit supports four distinct control modes:

- **Light Sensor Mode:** The door automatically opens at dawn and closes at dusk based on ambient light levels. This mode adapts to seasonal changes in daylight.
- **Timer Mode:** Allows you to set specific opening and closing times for the door. This is ideal for maintaining a consistent schedule for your flock.
- **Remote Control:** Use the included remote control to manually open or close the door from a distance of up to 25 meters (82 feet).
- **Manual Button Control:** The control panel on the unit features buttons for manual operation, allowing you to open or close the door directly.

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Light Sensor Mode

Timer Mode:
0-24H Timer

Image 4: Light Sensor and Timer operating modes.



Image 5: Remote and Manual button operation.

5.3 LCD Screen

The large LCD screen displays current time, door status, and settings. Use the control buttons adjacent to the screen to navigate menus, adjust settings for timer mode, and check the system status. Refer to the User Manual for detailed instructions on programming and setting adjustments.

6. Maintenance

Regular maintenance ensures the longevity and reliable operation of your VEVOR M6 chicken coop door.

- **Cleaning:** Periodically clean the main unit, door, and solar panel with a soft, damp cloth. Avoid abrasive cleaners or solvents. Ensure the solar panel is free of dirt, dust, or debris to maintain charging efficiency.
- **Obstruction Check:** Regularly inspect the door's track and path for any debris, dirt, or ice that could obstruct its movement. Clear any blockages immediately.
- **Waterproof Seals:** Check the waterproof sealing strips for any signs of wear or damage, especially before periods of heavy rain or cold weather, to ensure continued resistance against moisture.
- **Battery Check:** While the system is designed for continuous operation, monitor the battery indicator on the LCD screen. If the battery level is consistently low, ensure the solar panel is receiving adequate sunlight or use the Type-C charging cable for a boost.



Image 6: Durable and waterproof construction for long-term outdoor use.

7. Troubleshooting

If you encounter issues with your VEVOR M6 chicken coop door, refer to the following common troubleshooting steps:

- **Door Not Opening/Closing Fully:**
  - Check for physical obstructions in the door's path or track.

- Ensure the battery is sufficiently charged.
- Verify that the settings (light sensor sensitivity or timer schedule) are correctly configured.

- **Power Issues (Unit Not Responding):**
  - Confirm the solar panel is clean and receiving direct sunlight.
  - Check the connection between the solar panel and the main unit.
  - If necessary, charge the unit using the USB Type-C cable.
- **Remote Control Not Working:**
  - Ensure the remote control's battery is functional.
  - Verify you are within the operating range (up to 25 meters).
- **Incorrect Time Display:**
  - Access the settings menu via the LCD screen and adjust the current time.

For more complex issues or persistent problems, consult the detailed troubleshooting section in the User Manual or contact VEVOR customer support.

8. Specifications

Feature	Detail
Model Number	M6
Door Type	Vertical Slide
Power Supply	Solar and Type-C External Power
Battery Capacity	2000 mAh Lithium Battery
Light Sensor	Included
Timer Function	Included
Operation Modes	Remote Control / Manual Button / Light Sensor / Timer
Material	Aluminum Alloy and ABS
Net Weight	1.17 kg / 2.58 lbs
Product Dimensions (L x W x H)	350 x 250 x 73 mm / 13.78 x 9.84 x 2.87 inches
Remote Control Range	Up to 25 m / 82 ft

9. Warranty and Support

No specific warranty information is provided in the product details. Please refer to the included User Manual for any warranty details or contact VEVOR customer support for assistance with product inquiries, technical support, or service requests.

Ask a question about this manual

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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Details

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