

Relassy JY-JMT037

Relassy Automatic Solar Chicken Coop Door

Model: JY-JMT037

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1. PRODUCT OVERVIEW

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Relassy Automatic Solar Chicken Coop Door. This intelligent device is designed to provide secure and convenient access for your poultry, featuring multiple operating modes, robust construction, and an intelligent anti-pinch safety mechanism.

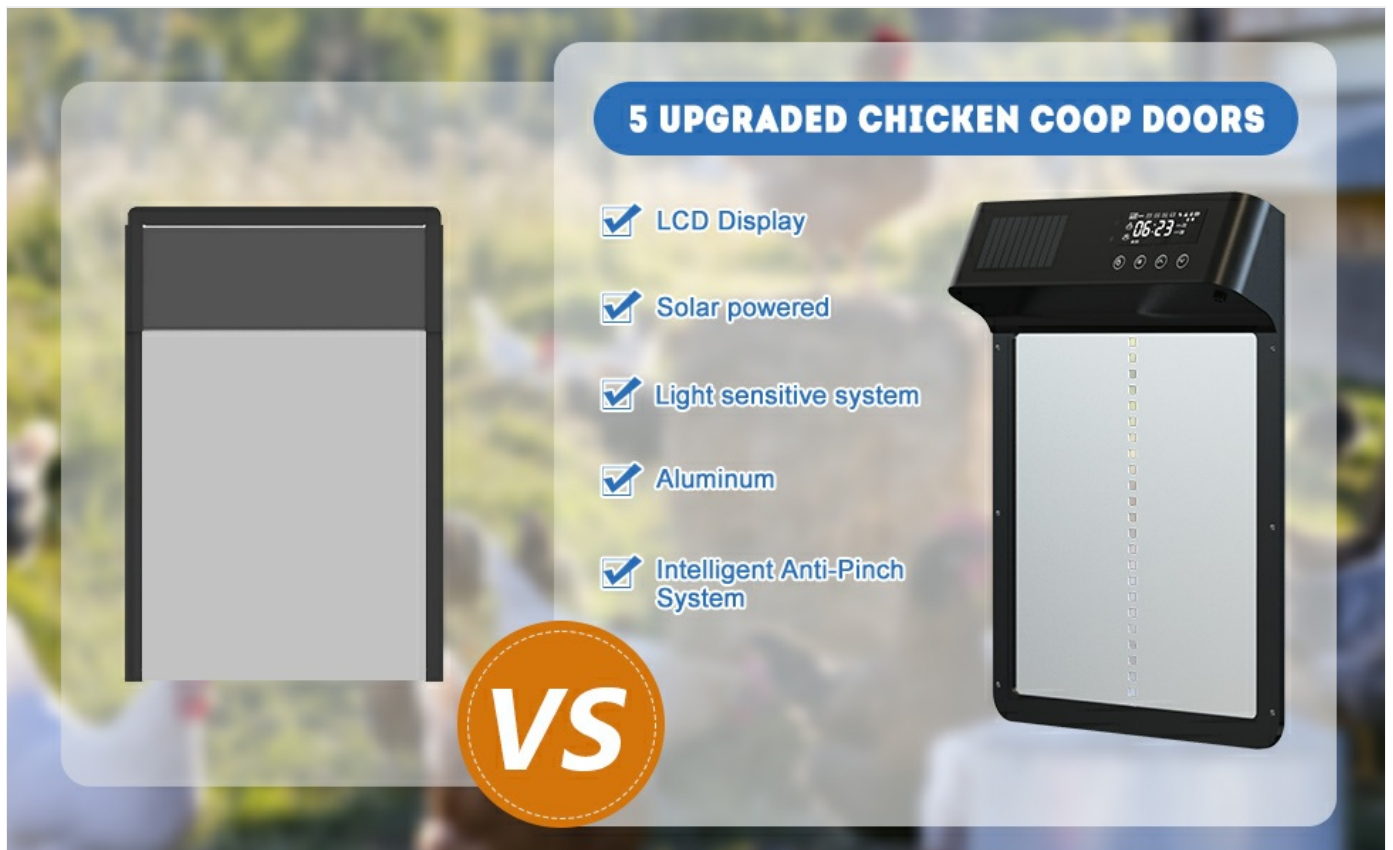


Image: Overview of the Relassy Automatic Chicken Coop Door, highlighting its features such as light sensor, solar power, LCD display, intelligent anti-pinch, remote control, timer setting, IP65 waterproof rating, and 5000mAh battery.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in injury or damage to the product.

- Ensure the installation area is clear of obstructions and stable.
- Keep hands and loose clothing away from the door's moving parts during operation.
- Do not attempt to modify or disassemble the device. Refer all servicing to qualified personnel.
- Use only the provided USB charging cable.
- Keep the solar panel clean to ensure efficient charging.
- This product is designed for poultry. Do not use it for other animals or purposes.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Relassy Automatic Chicken Coop Door Unit
- 1 x Remote Control
- 1 x USB Charging Cable
- 8 x Mounting Screws
- 1 x User Manual



Image: The main chicken coop door unit, remote control, USB charging cable, and mounting screws.

4. SETUP AND INSTALLATION

4.1 Mounting the Door

1. Choose a suitable location on your chicken coop for installation. Ensure the surface is flat and sturdy.
2. Position the door unit and mark the screw holes.
3. Drill pilot holes if necessary.
4. Secure the door unit to the coop using the provided mounting screws. Ensure it is level and firmly attached.

OFFERS 2 POWER SUPPLY METHODS

5000mAh battery lasts up to 130 days when fully charged

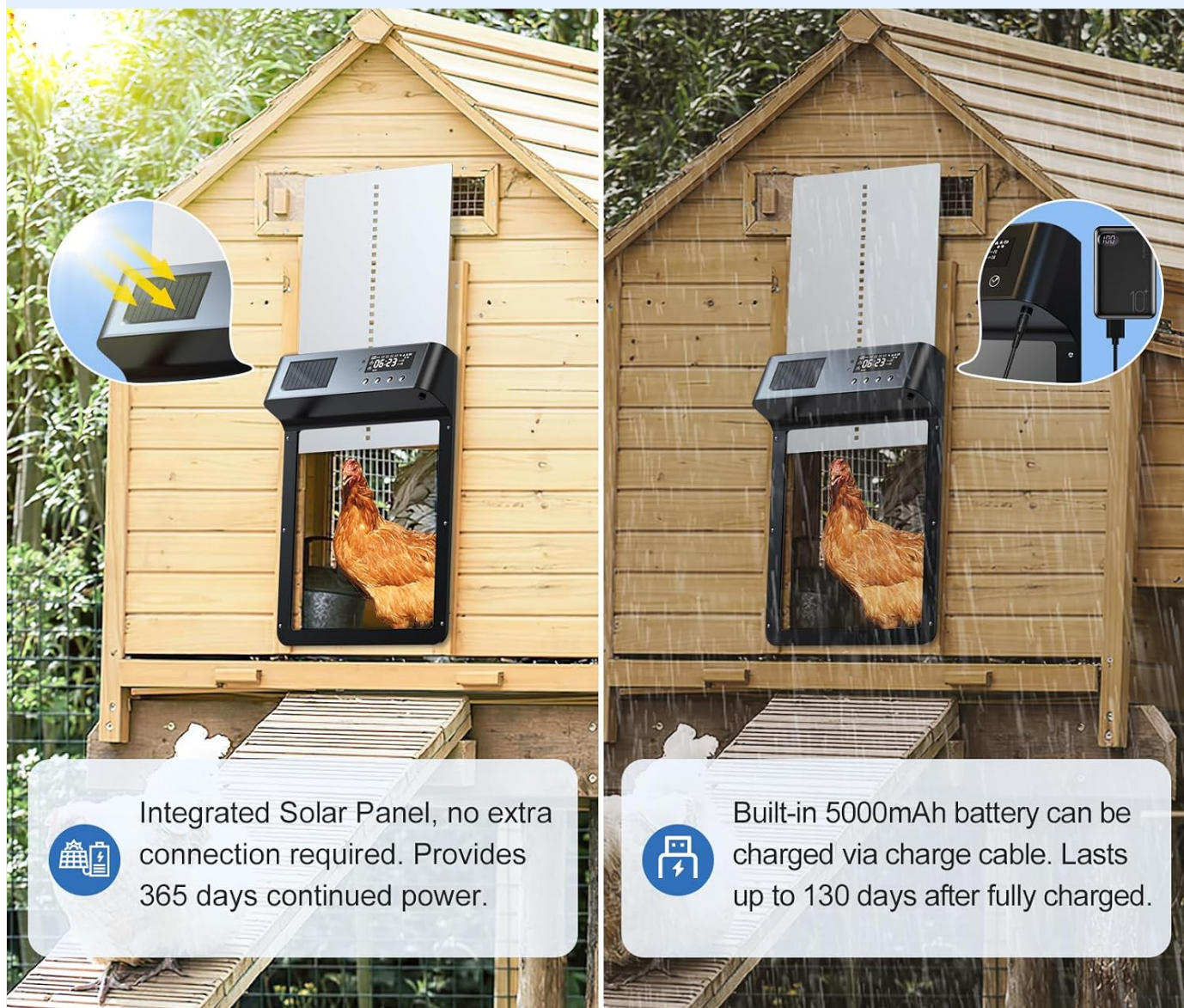


Image: The automatic chicken coop door unit securely mounted on the side of a wooden chicken coop.

4.2 Initial Power-Up and Charging

The door is equipped with an integrated 5000mAh lithium-ion battery. For optimal performance, fully charge the battery before first use.

- **Solar Charging:** The integrated solar panel will automatically charge the battery when exposed to sunlight. Ensure the solar panel is clean and facing direct sunlight for efficient charging.
- **USB Charging:** Connect the provided USB cable to the charging port on the door unit and to a standard USB power adapter (not included). A full charge can last up to 3 months.

Relassy

UPGRADED SMART CHICKEN COOP DOOR



Light sensor



Solar power



LCD Display



Intelligent Anti-Pinch



Remote control



Timer setting



IP65 Waterproof



5000mAh Battery



Image: Illustration of the two power supply methods: solar charging via the integrated panel and USB charging using a cable.

5. OPERATING MODES

The Relassy Automatic Chicken Coop Door offers four flexible operating modes to suit your needs:

5.1 Light Sensor Mode

In this mode, the door automatically opens at sunrise and closes at sunset, based on ambient light detection.

5.2 Timer Mode

Allows you to set specific opening and closing times using the integrated LCD and control buttons.

5.3 Manual Mode

You can manually open or close the door at any time using the control buttons on the unit.

5.4 Remote Control Mode

Use the provided remote control to open or close the door from a distance. Press the button once to activate the door.

OFFERS 2 POWER SUPPLY METHODS

5000mAh battery lasts up to 130 days when fully charged



Image: Visual representation of the four distinct operating modes for the chicken coop door.

4 AUTOMATIC WORKING MODES

Free Your Chicken Keeping Life



Image: Detailed diagram explaining the light sensor and timer system, including combinations of modes (L-L, T-T, L-T, T-L).

5.5 Intelligent Anti-Pinch Design

The door features an intelligent anti-pinch mechanism to protect your poultry. If the door encounters an obstruction (e.g., a chicken) during its closing cycle, it will automatically rise up. After a 20-second delay, it will attempt to close again.

INTELLIGENT ANTI- PINCH DESIGN

PROTECT YOUR CHICKENS FROM HURTING!

The coop door will automatically rise up when it touches the chicken while closing, and auto down after 20 seconds.



Image: The anti-pinch design in action, demonstrating how the door lifts to prevent injury to chickens.

6. CARE AND MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your chicken coop door.

- **Cleaning:** Periodically wipe the door unit, especially the solar panel and light sensor, with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals.
- **Obstruction Check:** Regularly check the door's path for any physical obstructions that might hinder its movement.
- **Battery Health:** While the solar panel provides continuous charging, monitor the battery indicator on the LCD. If prolonged cloudy weather occurs, consider supplemental USB charging.
- **Environmental Conditions:** The door is IP65 waterproof and designed for extreme temperatures (-26°C to 60°C). However, ensure proper drainage around the unit to prevent water accumulation.

7. TROUBLESHOOTING GUIDE

If you encounter issues with your chicken coop door, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Door does not open or close.	Low battery; Obstruction in path; Incorrect mode setting; Remote control battery low.	Charge battery via solar or USB; Clear any obstructions; Verify operating mode on LCD; Replace remote control battery.
Light sensor mode not working correctly.	Light sensor dirty or obstructed; Ambient light conditions too bright/dark.	Clean the light sensor; Adjust sensitivity settings if available, or switch to Timer Mode.

Problem	Possible Cause	Solution
Remote control not responding.	Remote control battery depleted; Out of range; Interference.	Replace remote control battery; Move closer to the door unit; Reduce potential interference sources.
Door reverses during closing (anti-pinch).	Obstruction detected (e.g., chicken).	This is normal operation. Ensure no animals are in the path before the door attempts to close again after 20 seconds.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	JY-JMT037
Material	Aluminum Alloy
Dimensions (L x W x H)	27.4 x 5.45 x 36.6 cm (Door unit)
Weight	1.54 Kilograms
Battery	1 x 5000mAh Lithium-ion (included)
Power Supply	Integrated Solar Panel, USB Charging
Waterproof Rating	IP65
Operating Temperature	-26°C to 60°C
Control Modes	Light Sensor, Timer, Manual, Remote Control
UPC	769044206983

9. WARRANTY AND CUSTOMER SUPPORT

The Relassy Automatic Solar Chicken Coop Door (Model JY-JMT037) comes with a **12-month warranty** from the date of purchase, covering manufacturing defects. Additionally, we offer **lifetime technical support** to assist you with any questions or issues you may encounter.

For warranty claims, technical assistance, or any other inquiries, please contact our customer support team:

- **Email:** support@relassy.com (Example)
- **Website:** www.relassy.com/support (Example)

Please have your model number (JY-JMT037) and purchase details ready when contacting support.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question