

Shikha GB06

Shikha Automatic Solar Chicken Coop Door (Model GB06) - User Manual

Comprehensive instructions for your automatic poultry door.

1. INTRODUCTION

Thank you for choosing the Shikha Automatic Solar Chicken Coop Door, Model GB06. This device is designed to provide automated access for your poultry, enhancing convenience and security. It features multiple operating modes, including timer and light sensor controls, and is powered by both solar energy and USB charging. Please read this manual thoroughly to ensure proper installation, operation, and maintenance.

2. SAFETY INFORMATION

- Ensure the installation area is clear of obstructions that could impede door movement.
- Keep children and pets away from the moving door to prevent injury.
- Do not attempt to force the door open or closed manually while it is operating automatically.
- Regularly inspect the door and its components for any signs of damage or wear.
- In case of malfunction, refer to the troubleshooting section or contact customer support.

3. PACKAGE CONTENTS

- Automatic Chicken Door (Model GB06)
- Remote Control
- Solar Panel with 3-meter cable
- Type-C USB Charging Cable
- Mounting Hardware (screws)

4. SETUP AND INSTALLATION

4.1 Mounting the Door

1. Select a suitable location on your chicken coop for the door. Ensure there is enough space for the door to slide vertically without obstruction.
2. Mark the outline of the door opening on the coop wall.
3. Carefully cut out the marked opening.
4. Position the automatic chicken door within the opening and secure it using the provided mounting screws. Ensure it is level and firmly attached.

4.2 Powering the Device

The Shikha Automatic Chicken Coop Door offers two power options:

- **Solar Power:** Connect the provided solar panel to the Type-C port on the door unit. Mount the solar panel in a location that receives maximum direct sunlight throughout the day to ensure continuous charging of the built-in 2000 mAh battery.
- **USB Charging:** For overcast days or as an alternative, use the provided Type-C USB cable to charge the door's internal battery from a standard USB power source.



Image: The automatic chicken coop door showing its solar panel and USB charging cable for flexible power options.

4.3 Remote Control Setup

Before first use, open the battery cover on the back of the remote control and remove any power blocking tape. The remote control operates up to 15 meters from the door unit.

5. OPERATING INSTRUCTIONS

5.1 LED Screen Overview

The large LED screen provides optimal visibility for monitoring the door's status, including battery level, current time, and light sensor value.



Image: Detailed view of the LED screen, showing current time, current mode, open/close times, and light sensor value.

5.2 Operating Modes

The door offers 4 customizable operating modes:

1. **Timer Mode:** Set specific open and close times (0-24 hours).
2. **Light Sensor Mode:** The door opens when the light sensitivity value is >60 (defaults to day) and closes when the value is <30 (defaults to dawn).
3. **Timer + Light Sensor Mode:** Combine a set open time with light sensor-controlled closing.
4. **Light Sensor + Timer Mode:** Combine light sensor-controlled opening with a set close time.

Use the mode selection button (M) and the up/down arrows on the control panel to navigate and adjust settings.

AUTOMATICALLY LIGHT & TIMER SENSOR

4 modes available: single or cross-combination settings

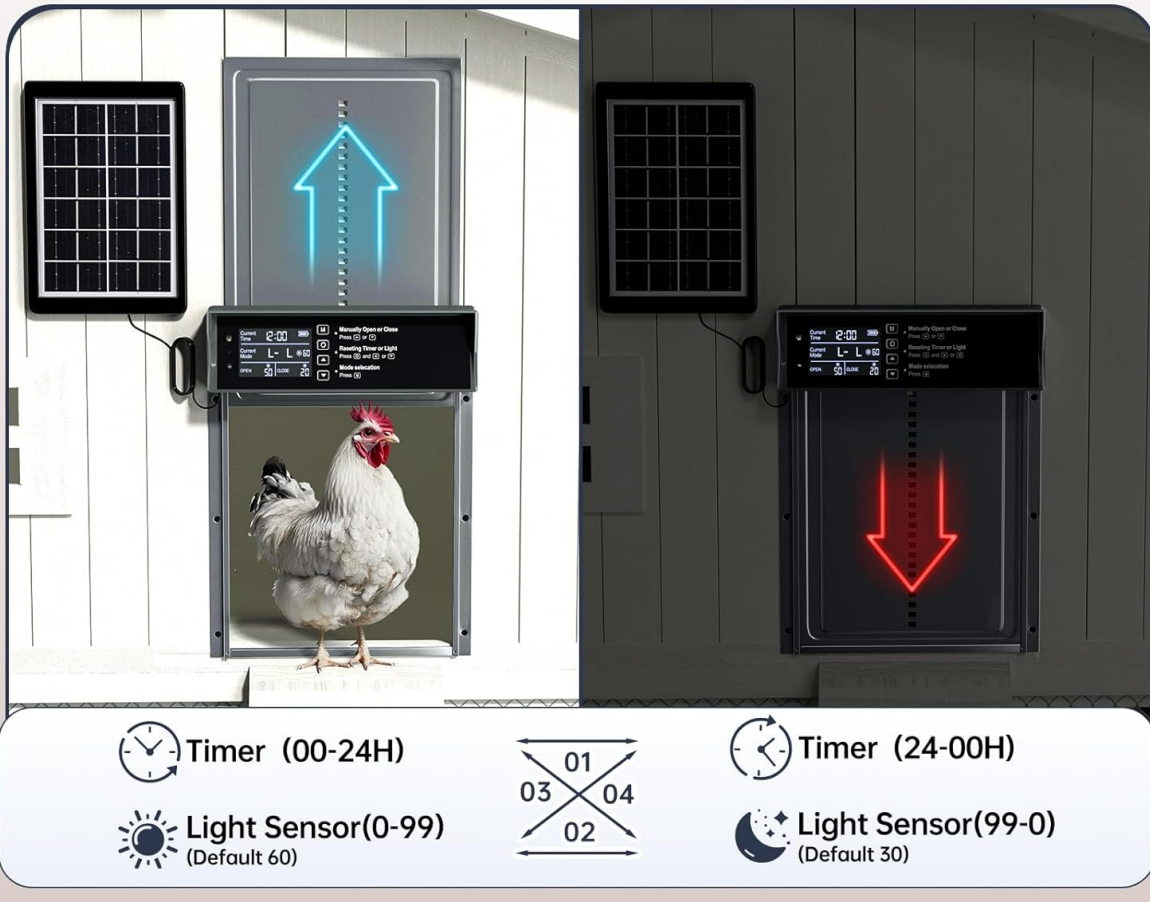


Image: Visual representation of the four available modes for automatic door operation.

5.3 Manual Control

You can manually open or close the door using the dedicated buttons on the control panel or via the remote control.

5.4 Anti-Pinch Function

For poultry safety, if the door senses an obstruction (e.g., a chicken) while closing, it will automatically rise 3cm and pause for 10 seconds before attempting to close again.

5.5 Alert System

The door is equipped with an alert system:

- If 3 abnormal door closings occur consecutively, a continuous red light and beep alarm will activate until the door is properly closed.
- If a predator attempts to force the closed door open, a flashing red light and alarm will activate to deter the predator and notify you.



Image: Illustration of the anti-pinch mechanism and the alarm system for abnormal closing or forced entry.

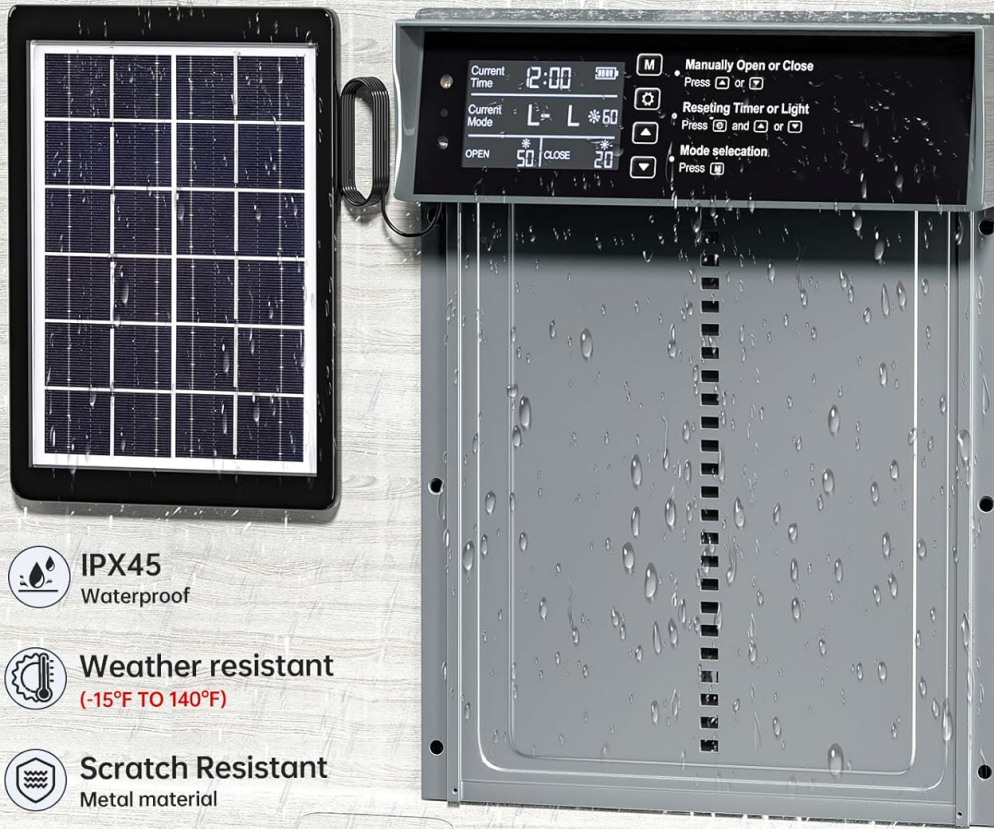
6. MAINTENANCE

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

- **Cleaning:** Periodically clean the door and its tracks to prevent debris buildup that could affect smooth operation. Use a soft, damp cloth.
- **Battery Check:** Monitor the battery level on the LED screen. Ensure the solar panel is clean and positioned for maximum sun exposure. If using USB charging, ensure the battery is fully charged.
- **Inspection:** Check all screws and connections regularly to ensure they are secure. Inspect the door for any signs of damage or wear.

WORKS IN EXTREME WEATHER

Made of durable aluminum alloy + ABS



 **IPX45**
Waterproof

 **Weather resistant**
(-15°F TO 140°F)

 **Scratch Resistant**
Metal material

Image: The door unit and solar panel shown with water droplets, highlighting its IPX45 waterproof rating and weather-resistant aluminum alloy construction.

7. TROUBLESHOOTING

- **Door Not Opening/Closing:** Check battery level. Ensure solar panel is receiving adequate sunlight or charge via USB. Verify timer and light sensor settings are correct. Check for physical obstructions in the door's path.
- **Remote Control Not Working:** Ensure the power blocking tape has been removed from the remote's battery compartment. Check remote battery. Ensure you are within the 15-meter operating range.
- **Alarm Activating:** If the alarm sounds, check for obstructions preventing the door from closing properly. If a predator alert, inspect the coop for signs of attempted entry.
- **LED Screen Not Displaying:** Ensure the unit is powered on and has sufficient battery charge.

8. SPECIFICATIONS (MODEL GB06)

Feature	Detail
Item Weight	2.87 pounds

Manufacturer	Shikha
ASIN	B0DN1PSWYQ
Item Model Number	GB06
Batteries	1 Lithium Polymer battery required (built-in)
Item Package Dimensions	13.7 x 10.39 x 2.64 inches
Item Dimensions (LxWxH)	9.6 x 1.5 x 13 inches
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum
Number of Items	1
Breed Recommendation	Chicken, duck, goose and other poultry weighing less than 10 pounds
Gap Size (Anti-Pinch)	3 Centimeters
Specific Uses for Product	Automatic Door Operation, Chicken Coop Access Control, Poultry Management



Image: The automatic chicken coop door installed on a coop, illustrating its physical dimensions.

9. WARRANTY AND SUPPORT

This product comes with a **1-year manufacturer's warranty**.

If you encounter any problems with the product or require further assistance, please do not hesitate to contact us.

We are committed to providing a solution within 24 hours.