

## OlideSmart AM56 (400mm)

# Olide Smart Automatic Chain Window Opener with Wireless Rain Sensor (400mm) User Manual

Model: AM56 (400mm)

## 1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Olide Smart Automatic Chain Window Opener with Wireless Rain Sensor. This device is designed to automate the opening and closing of windows, offering convenience through smart control features.

The Olide Smart Automatic Chain Window Opener features a wide voltage input (100-240V AC), adjustable stroke up to 400mm, and is suitable for windows as small as 470mm. It incorporates double-layer stainless metal chains, an aluminum housing with sand blast treatment, and zinc alloy die-cast cover and brackets for durability. Two frame resistance ABS holders and a POM sliding guide ensure smooth and quiet operation.

## 2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure the power supply is disconnected before performing any installation or maintenance.
- Installation should be performed by qualified personnel if you are unsure about electrical connections.
- Keep hands and loose clothing clear of the chain mechanism during operation to prevent injury.
- Do not allow children to operate the device without supervision.
- Do not attempt to modify or repair the device yourself. Contact support for assistance.
- Ensure the window is securely mounted and capable of supporting the opener's operation.

## 3. PACKAGE CONTENTS

Verify that all components are present in the package:

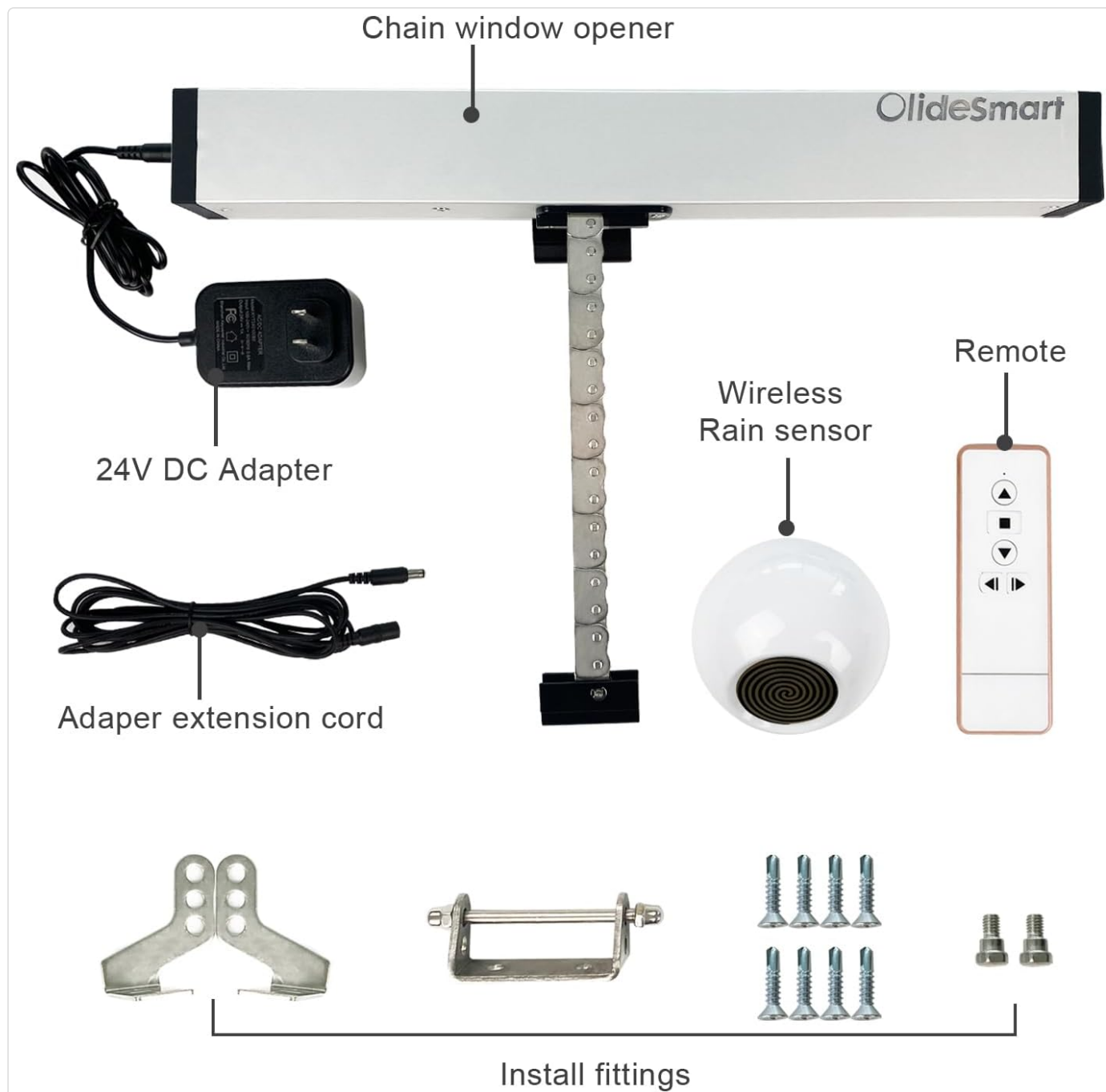


**Image 3.1:** Package contents of the Olide Smart Automatic Chain Window Opener. This image displays the main chain window opener unit, a 24V DC adapter, an adapter extension cord, a wireless rain sensor, a remote control, and various installation fittings including brackets and screws.

- Chain Window Opener Unit (AM56, 400mm stroke)
- 24V DC Power Adapter
- Adapter Extension Cord
- Wireless Rain Sensor
- Remote Control
- Installation Fittings (brackets, screws)

## 4. PRODUCT FEATURES

- **Voice Control:** Compatible with Alexa and Google Home for hands-free operation.
- **Timing Function:** Schedule window opening and closing times.

- **Phone APP Control:** Manage windows remotely via a mobile application (Tuya app built-in).
- **Capacitive Touch Panel Control:** Responsive touch screen interface on the device for direct control.
- **Wireless Rain Sensor:** Automatically closes windows upon detecting rain.
- **Adjustable Stroke:** Maximum stroke length of 400mm, adjustable via a knob.
- **Durable Construction:** Features double-layer stainless metal chain, aluminum housing, and zinc alloy die-cast components.

## 5. SETUP AND INSTALLATION

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The Olide Smart Automatic Chain Window Opener is designed for screw-in installation. Follow these general steps:

1. **Mount the Opener:** Securely attach the main chain window opener unit to the window frame or wall using the provided installation fittings and screws. Ensure it is level and aligned with the window's movement path.
2. **Connect to Window:** Attach the chain end to the window sash. Ensure the connection is firm and allows for smooth window operation.
3. **Power Connection:** Connect the 24V DC power adapter to the opener unit, then plug the adapter into a suitable AC power outlet (100-240V).
4. **Install Rain Sensor:** Mount the wireless rain sensor in an outdoor location where it can detect rain directly, but is protected from direct impact or extreme weather. Ensure it is within wireless range of the main opener unit.
5. **Initial Test:** After installation, perform a manual test using the remote control or touch panel to ensure the window opens and closes smoothly without obstruction.

*Note: Specific mounting details may vary based on window type. Refer to the detailed diagrams in the included physical manual for precise installation steps.*

## 6. OPERATING INSTRUCTIONS

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### 6.1. Remote Control Operation

Use the provided remote control to open, close, or stop the window opener. The buttons are typically labeled with intuitive icons for these functions.

### 6.2. Capacitive Touch Panel

The opener unit features a capacitive touch panel. Use the clear action icons (open, stop, close) on the panel for direct control. The touch panel is sensitive and provides stable response.

### 6.3. Phone APP Control (Tuya App)

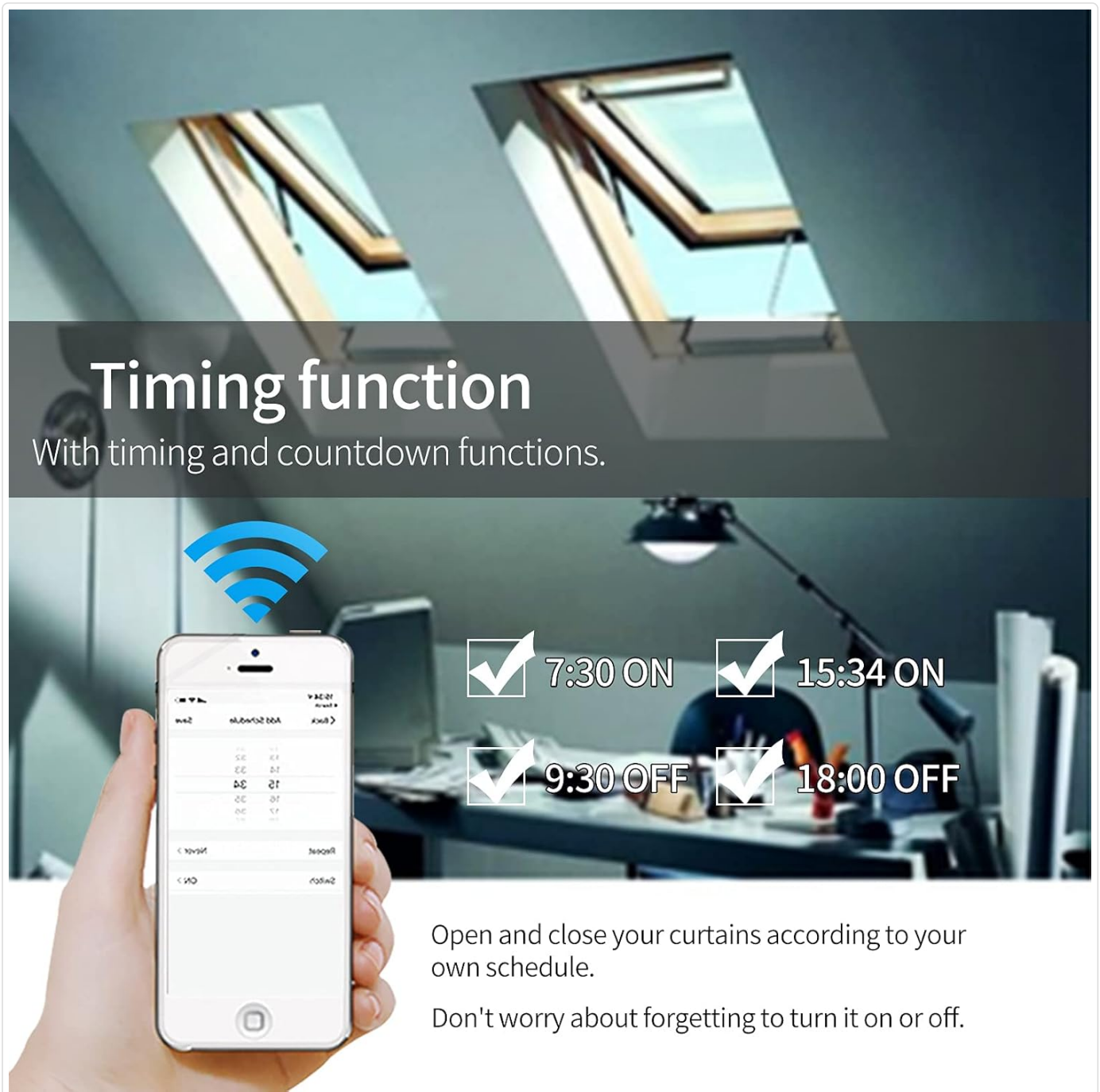
The device has Tuya app integration built-in, allowing direct control without an external smart WiFi switch.

1. Download the Tuya Smart app from your mobile device's app store.
2. Register or log in to your Tuya account.
3. Follow the in-app instructions to add the Olide Smart Window Opener as a new device. This typically involves putting the opener into pairing mode (refer to the physical manual for specific steps).
4. Once paired, you can control your window from anywhere, set schedules, and monitor its status.

This feature allows you to open or close the window remotely, which is useful for ventilation or in case of unexpected weather changes.

### 6.4. Timing Function

Utilize the timing function through the Tuya app to automate window operations based on your schedule.



# Timing function

With timing and countdown functions.

7:30 ON 15:34 ON  
9:30 OFF 18:00 OFF

Open and close your curtains according to your own schedule.

Don't worry about forgetting to turn it on or off.

**Image 6.1:** Illustration of the timing function accessible via a smartphone app. The screen displays scheduled times for opening and closing, such as "7:30 ON" and "9:30 OFF", demonstrating how users can program their window operations.

Set specific times for the window to open and close, ensuring optimal ventilation or security throughout the day without manual intervention.

## 6.5. Voice Control (Alexa & Google Home)

Integrate your Olide Smart Window Opener with Amazon Alexa or Google Home for voice-activated control.

1. Ensure your Tuya Smart app is linked to your Alexa or Google Home account (usually done within the Alexa/Google Home app settings).
2. Discover new devices in your smart home app.
3. Once discovered, you can use voice commands such as:
  - "Alexa, open the window."
  - "Hey Google, close the window."

## 6.6. Wireless Rain Sensor Functionality

The wireless rain sensor automatically detects rainfall and signals the window opener to close the window.



**Image 6.2:** The wireless rain sensor, shown with water droplets, indicating its function to detect rain. In the background, a window is depicted closing automatically, illustrating the sensor's role in preventing rain from entering the building.

Ensure the rain sensor is installed correctly and its surface is kept clean for optimal performance. This feature helps protect your interior from water damage during unexpected rain.

## 7. MAINTENANCE

- **Cleaning:** Periodically wipe the opener unit and rain sensor with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the chain and mounting points for any signs of wear, damage, or loosening. Ensure the chain moves freely.

- **Rain Sensor:** Keep the surface of the rain sensor clean and free from debris (leaves, dirt) to ensure accurate rain detection.
- **Power Supply:** Ensure the power adapter and cord are free from damage.

## 8. TROUBLESHOOTING

- **Opener not responding:**
  - Check if the power adapter is securely plugged in and receiving power.
  - Ensure the remote control batteries are not depleted.
  - Verify the device is properly paired with the Tuya app and your smart home system.
- **Window not opening/closing smoothly:**
  - Inspect the chain and window path for obstructions.
  - Check if the window hinges or tracks are clean and lubricated.
  - Ensure the opener is securely mounted and aligned.
- **Rain sensor not working:**
  - Clean the surface of the rain sensor.
  - Verify the sensor is powered and within wireless range of the opener.
  - Check for any physical damage to the sensor.
- **App control issues:**
  - Ensure your mobile device has an active internet connection.
  - Check if the Tuya app is updated to the latest version.
  - Restart the opener unit by unplugging and replugging the power.

## 9. SPECIFICATIONS

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Model No.             | AM56                                            |
| Rated Voltage         | AC 100-240V                                     |
| Rated Power           | 28W                                             |
| Push/Pull Force       | 250N / 250N                                     |
| Speed                 | 10mm/s                                          |
| Running Trip (Stroke) | 100-400mm (Adjustable)                          |
| Operating Temperature | -20°C ~ +75°C                                   |
| IP Class              | IP43                                            |
| Material              | Acrylonitrile Butadiene Styrene (ABS), Aluminum |
| Color                 | Silver                                          |
| Installation Type     | Screw-In                                        |
| UPC                   | 767065636451                                    |
| ASIN                  | B093PYPD25                                      |

## 10. WARRANTY INFORMATION

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For detailed warranty information, please refer to the warranty card included with your product or visit the official OlideSmart website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

## 11. SUPPORT

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If you encounter any issues or have questions regarding your Olide Smart Automatic Chain Window Opener, please contact OlideSmart customer support through their official website or the contact information provided in your product packaging.

**OlideSmart Official Website:** [Visit OlideSmart Store on Amazon](#)

### 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**