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› Sortfle Smart Tuya WiFi Blinds Motor (Model AM25-MEL-WIFI) Instruction Manual

## Sortfle AM25-MEL-WIFI

# Sortfle Smart Tuya WiFi Blinds Motor (Model AM25-MEL-WIFI) Instruction Manual

Your comprehensive guide to installation, operation, and maintenance.

## 1. PRODUCT OVERVIEW

The Sortfle Smart Tuya WiFi Blinds Motor (Model AM25-MEL-WIFI) is designed to motorize existing blinds and shades, offering smart control capabilities. This plug-in motor operates on AC100-240V, making it suitable for global use. It integrates seamlessly with smart home ecosystems like Alexa and Google Home via the Tuya Smart App, requiring no additional hub.

- **Smart Voice & App Control:** Seamlessly integrates with Alexa, Google Home, and Tuya Smart App for hands-free voice commands or remote control via smartphone.
- **Universal 1.5"/38mm Tube Fit:** Compatible with Zebra, Roman, Roller Shades, and more. Verify your shade's tube diameter before purchase.
- **Wide Voltage Support (AC100-240V):** Works globally with standard household outlets, ideal for homes and offices.
- **No Hub Required:** Connects directly to your 2.4GHz WiFi (5GHz not supported), saving extra costs.
- **Customizable Timer & Scheduling:** Set daily routines (e.g., open at sunrise/close at sunset) or control shades individually via the app.



Figure 1.1: Sortfle Smart Tuya WiFi Blinds Motor and included accessories.

## 2. SETUP

### 2.1 Unboxing and Component Check

Carefully unbox your Sortfle Smart Blinds Motor kit and ensure all components are present. The package typically includes the Smart WiFi Blinds Motor, mounting screws, instructions, and a remote control.

Video 2.1: Unboxing and component overview for the Smart Blinds Motor.

### 2.2 Motor Installation

Before installation, measure your shade's tube diameter to ensure compatibility with the 1.5"/38mm motor. The motor is designed for easy DIY installation without complex wiring.

1. Remove your existing roller shade from its brackets.
2. Disassemble the roller blind, remove the manual pull cord and drive mechanism.
3. Insert the Smart WiFi Blinds Motor into the shade tube. Ensure the charging port is facing upwards for easy access.
4. Secure the brackets and re-install the shade.

## How to Install the Motor



① Use a screwdriver to remove your roller shades



② Disassemble the roller blind, remove the manual pull cord and drive



③ Insert the roller blind motor



④ Secure the brackets with a screwdriver, then follow the user manual to configure the motor

Figure 2.1: Visual guide for installing the motor into your roller shade.

Video 2.2: Detailed instructions on how to install the AM25 Motor to a Roller Shade.

Video 2.3: Setup guide for AM25 Motor installation.

### 2.3 Remote Control Pairing & Limit Setting

After physical installation, pair the remote control with the motor and set the upper and lower travel limits for your shade.

1. **Remote Pairing:** Press the program button on the motor once. The motor will jog. Then press the UP button on the remote control. The motor will jog again, indicating successful pairing.
2. **First Limit Setting (Upper):** Use the remote's UP button to move the shade to your desired uppermost position. Press the STOP button. Then press the program button on the remote once to save the upper limit.
3. **Second Limit Setting (Lower):** Use the remote's DOWN button to move the shade to your desired lowermost position. Press the STOP button. Then press the program button on the remote once to save the lower limit.

## 2.4 App Settings & WiFi Connection

Connect your motor to the Tuya Smart App for advanced control and scheduling. The motor requires a 2.4GHz WiFi network (5GHz is not supported).

1. Download and open the Tuya Smart App.
2. Ensure your phone is connected to a 2.4GHz WiFi network.
3. Follow the in-app instructions to add a new device. The app will guide you through connecting the motor to your WiFi network.

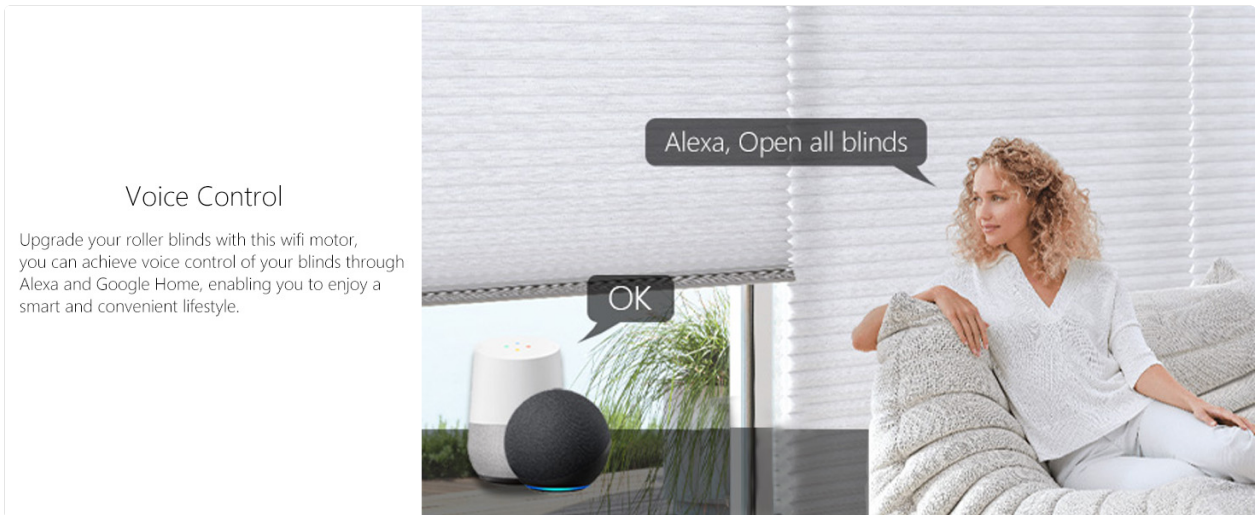


Figure 2.2: Example of scheduling blinds operation using the Tuya Smart App.

## 3. OPERATING THE BLINDS MOTOR

### 3.1 Remote Control

Use the included 1-channel RF 433MHz remote control for basic operation. The remote offers a long-distance range and stability, penetrating through walls.

- **UP Button:** Raises the shade.
- **DOWN Button:** Lowers the shade.
- **STOP Button:** Stops the shade at its current position.



Figure 3.1: The included 1-channel remote control for the blinds motor.

### 3.2 App Control (Tuya Smart App)

The Tuya Smart App provides comprehensive control over your blinds, allowing you to adjust shades remotely, create schedules, and group multiple motors.

- **Remote Operation:** Control shades from anywhere using your smartphone.
- **Scheduling:** Set custom schedules for opening and closing your blinds (e.g., open at sunrise, close at sunset).
- **Group Control:** Group multiple motors to control several shades simultaneously.
- **Siri Shortcuts:** Create custom Siri shortcuts for voice control directly from your iPhone.

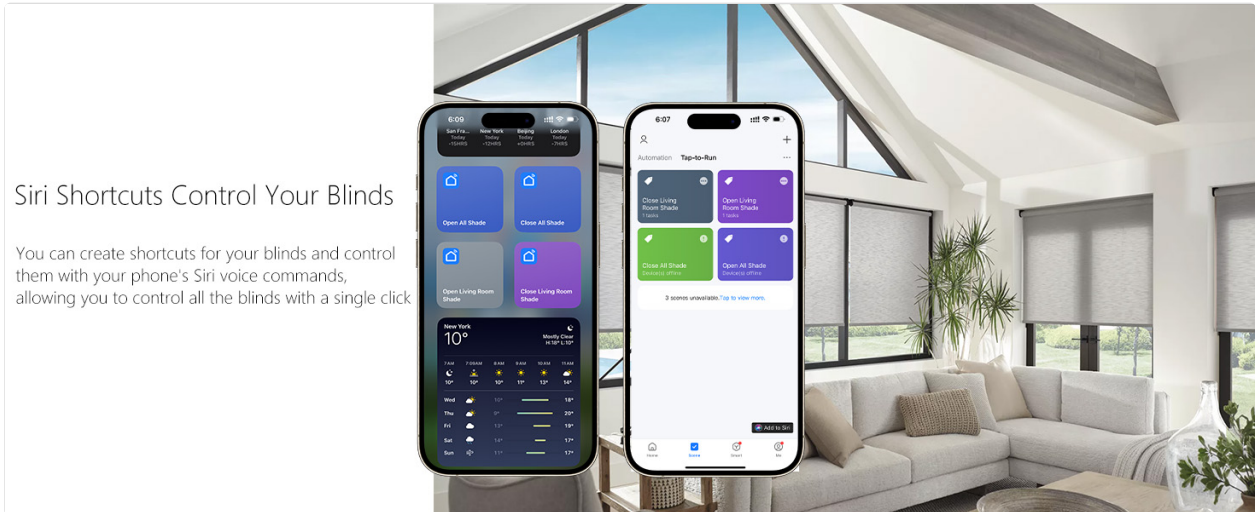


Figure 3.2: Using Siri Shortcuts for convenient blinds control through the app.

### 3.3 Voice Control (Alexa & Google Home)

Integrate your blinds motor with Amazon Alexa or Google Home for hands-free voice control.

- **Alexa Commands:** "Alexa, open the blinds," "Alexa, close the blinds," "Alexa, set blinds to 50%."
- **Google Home Commands:** Similar voice commands can be used with Google Assistant.

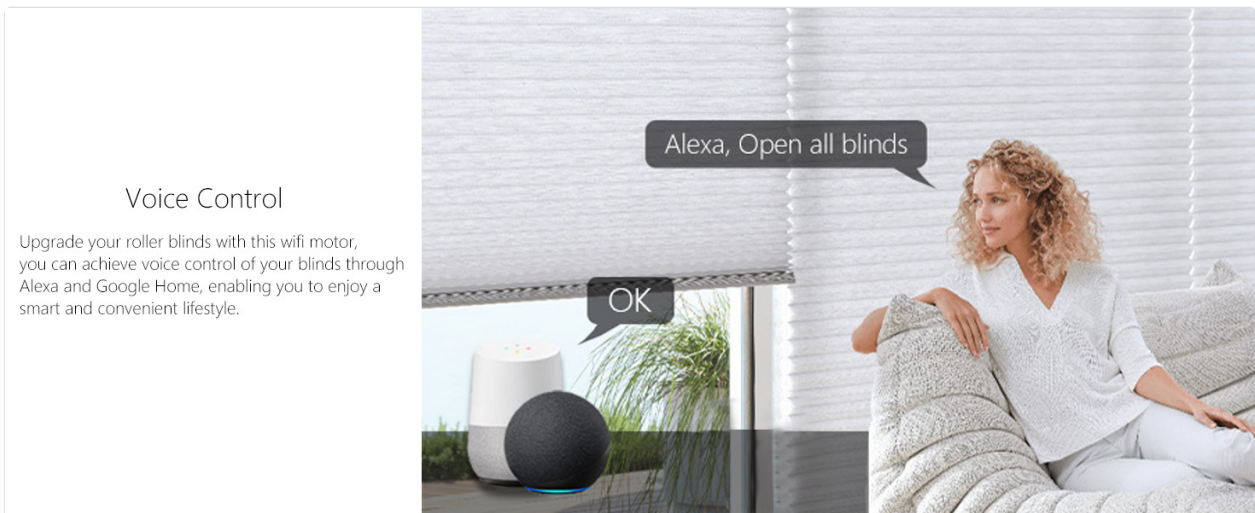


Figure 3.3: Control your blinds using voice commands with Alexa or Google Home devices.

## 4. MAINTENANCE

To ensure optimal performance and longevity of your Sortfle Smart Blinds Motor, regular maintenance is recommended.

- **Cleaning:** Periodically wipe the motor and shade components with a soft, dry cloth to remove dust. Avoid using harsh chemicals or abrasive materials.
- **Connection Check:** Ensure the power cable is securely connected and the motor is receiving power.
- **Battery (Remote):** The remote control requires 1 CR2032 battery (included). Replace the battery when the remote's performance degrades.

## 5. TROUBLESHOOTING

If you encounter issues with your blinds motor, refer to the following common troubleshooting steps:

- **Motor Not Responding:** Check if the motor is powered. Ensure the remote control is paired correctly. If using app control, verify WiFi connection.
- **WiFi Connection Issues:** Confirm your router is broadcasting a 2.4GHz signal. The motor does not support 5GHz WiFi. Ensure the motor is within range of your WiFi router.
- **Incorrect Limit Settings:** Re-perform the limit setting procedure as described in Section 2.3.
- **Motor, Bracket, or Crown Mismatch:** Ensure all components are compatible with your shade tube. Refer to the product specifications for correct dimensions.

Video 5.1: Guide on what to do if the blinds motor, bracket, or crown do not match.

Video 5.2: Instructions on how to replace drive crowns on AM25 Motors.

## 6. SPECIFICATIONS

<b>Product Dimensions</b>	17.32 x 1.57 x 1.57 inches
<b>Item Weight</b>	1.74 pounds
<b>Item Model Number</b>	AM25-MEL-WIFI
<b>Batteries (Remote)</b>	1 CR2032 batteries required (included)

## Product Parameter

\*Powered by an AC110V wired plug, not rechargeable

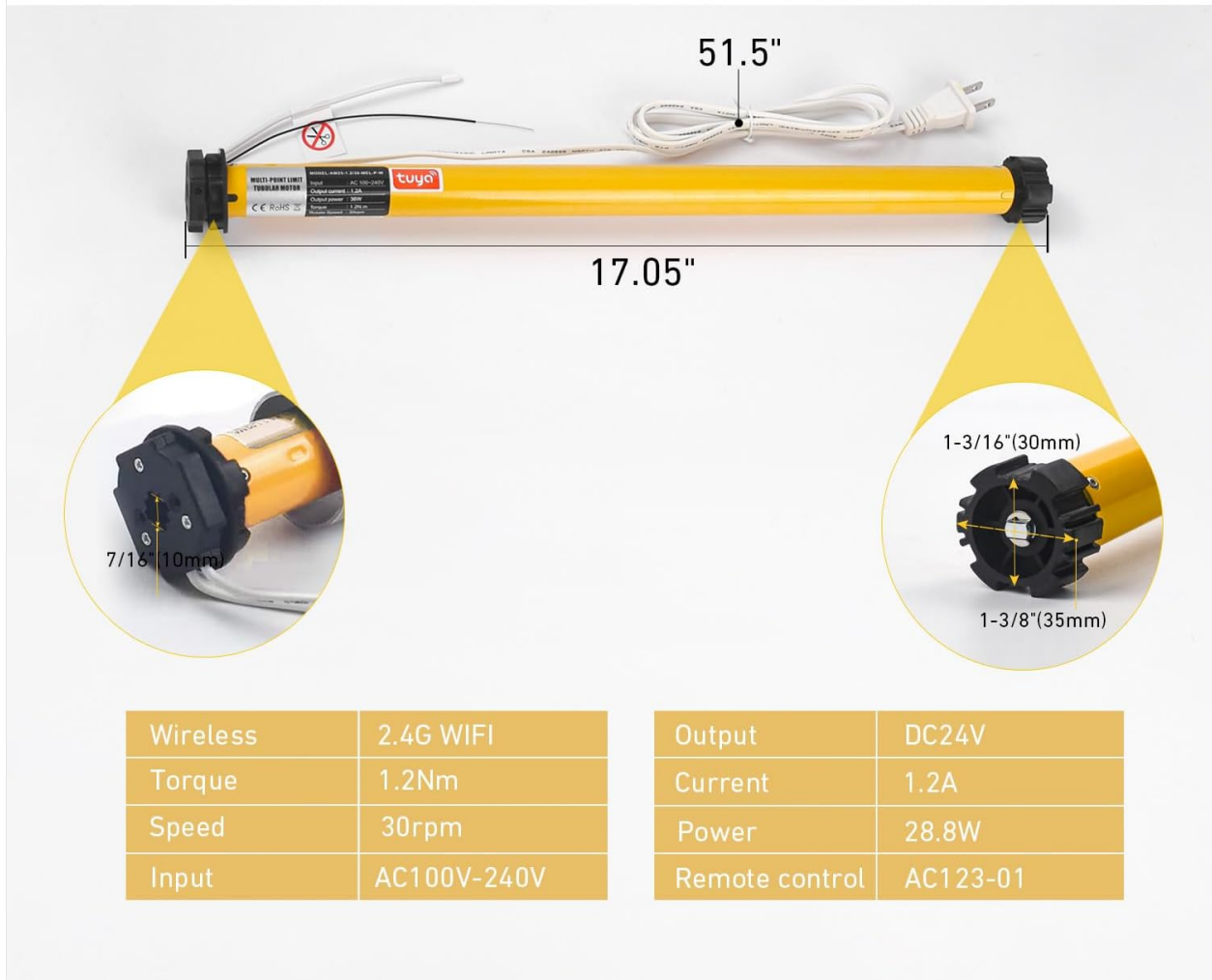


Figure 6.1: Detailed product parameters including dimensions and technical specifications.

## 7. WARRANTY & SUPPORT

For warranty information, technical support, or any inquiries regarding your Sortfle Smart Tuya WiFi Blinds Motor, please refer to the contact information provided with your purchase documentation or visit the official Sortfle website.