

Blindsmart ZM35E-110V

Blindsmart Smart Blinds Motor ZM35E-110V Instruction Manual

Model: ZM35E-110V

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Blindsmart Smart Blinds Motor ZM35E-110V. This motor is designed to convert existing roller blinds into motorized smart blinds, compatible with various tube diameters and smart home systems.

SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure the power supply matches the motor's requirements (110V or 230V).
- Keep children and pets away from moving blinds.
- Do not attempt to repair the motor yourself. Contact customer support for assistance.

PACKAGE CONTENTS

Verify that all components are present:

- Blindsmart Tubular Motor (ZM35E-110V)
- Remote Control (batteries not included)
- Mounting Brackets
- End Cap
- Drive Adapters (for 40mm, 50mm, 55mm tubes)
- Mounting Hardware



Voice Control

Support voice control via
Alexa / Google Home / Siri

APP Control

Can use the phone APP to
set the curtain to open or
close at certain times



Figure 1: Included components of the Blindsmart Smart Blinds Motor kit. Note that 2pcs AAA batteries for the remote are not included.

SETUP AND INSTALLATION

1. Measure Tube Diameter

Before installation, measure the internal diameter of your roller shade tube. This motor is compatible with 40mm, 50mm, and 55mm aluminum tubes. Select the appropriate drive adapter.

APP Control

Remote control of mobile phone

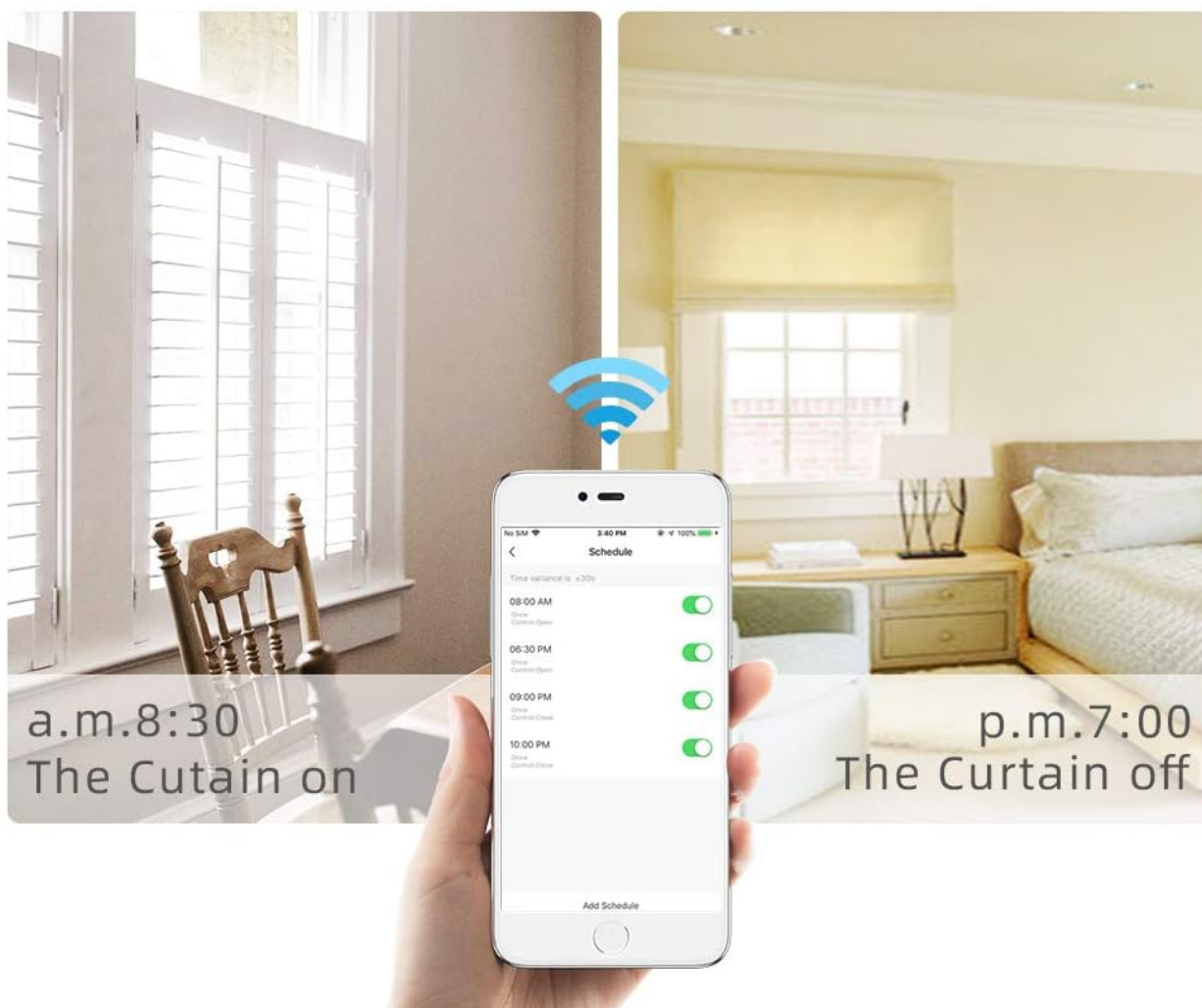
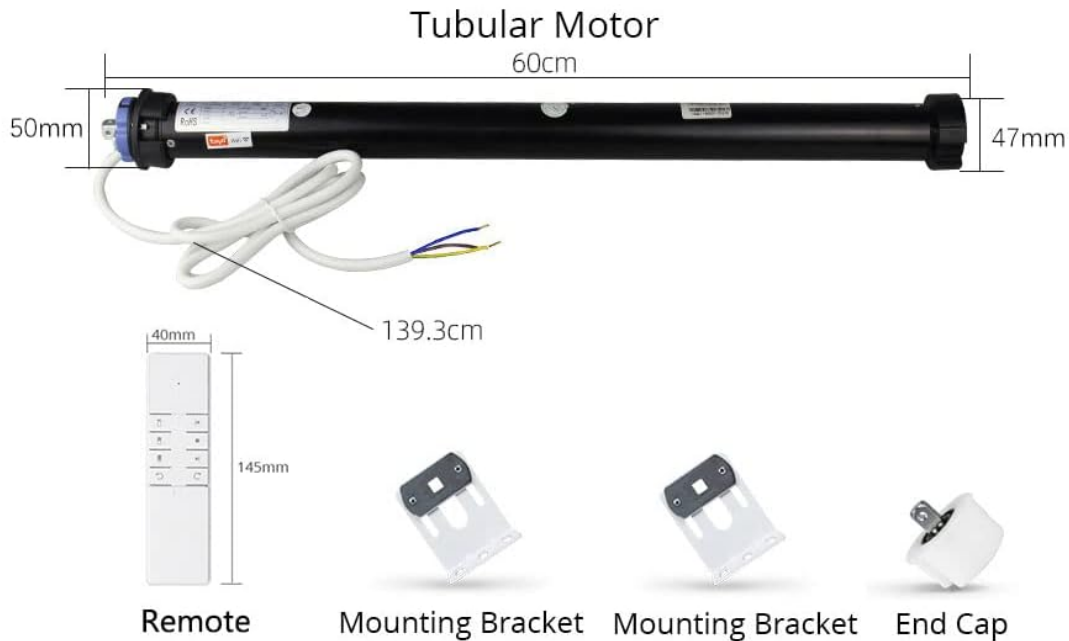


Figure 2: Guide for selecting the correct tube adapter based on your roller shade's internal tube diameter.

2. Assemble Motor System

Refer to the diagram below for the assembly of the motor system components into your roller shade.

Product parameters



***Note:** 2pcs AAA batteries are not included in the pack

- Rated voltage: 110V/230V
- Rated speed: 18rpm/17rpm
- Rated current: 500mA
- Motor diameter: 35mm
- Rated torque: 10N.m
- Bearing: 20kg

Figure 3: Exploded view of the rolling blind motor system, showing the placement of the tubular motor, drive adapter, crown, fabric, bottom rail, mounting brackets, and end plug.

1. Attach the appropriate drive adapter and crown to the tubular motor.
2. Insert the motor assembly into the roller shade tube.
3. Secure the mounting brackets to the window frame or wall.
4. Mount the roller shade assembly with the motor onto the brackets.
5. Connect the motor to the power supply (110V or 230V).

3. Initial Limit Setting

After installation, set the upper and lower limits for the blind's movement. Consult the specific instructions provided with your remote control or the Tuya/Smart Life app for detailed steps on setting these limits.

OPERATING INSTRUCTIONS

1. APP Control (Tuya / Smart Life App)

The motor features a built-in Wi-Fi module, allowing control via the Tuya or Smart Life application on your mobile phone.

1. Download and install the Tuya Smart or Smart Life app from your device's app store.
2. Register or log in to your account.
3. Add the BlindsSmart Smart Blinds Motor as a new device within the app. Follow the in-app pairing

instructions.

4. Once paired, you can control the blinds (open, close, stop) and set schedules for automatic operation.



Figure 4: Example of APP control interface for scheduling blind operations.

2. Voice Control (Alexa / Google Assistant)

The motor is compatible with Amazon Alexa and Google Assistant for voice commands.

1. Ensure your Blinds smart motor is successfully paired with the Tuya Smart or Smart Life app.
2. Link your Tuya Smart/Smart Life account to your Alexa or Google Home app.
3. Discover new devices through your smart assistant app.
4. Use voice commands such as:
 - "Alexa, turn on the shade."
 - "Google, open the blinds."
 - "Hey Google, close the living room shade."

RF control

Simple and convenient direct control of curtains

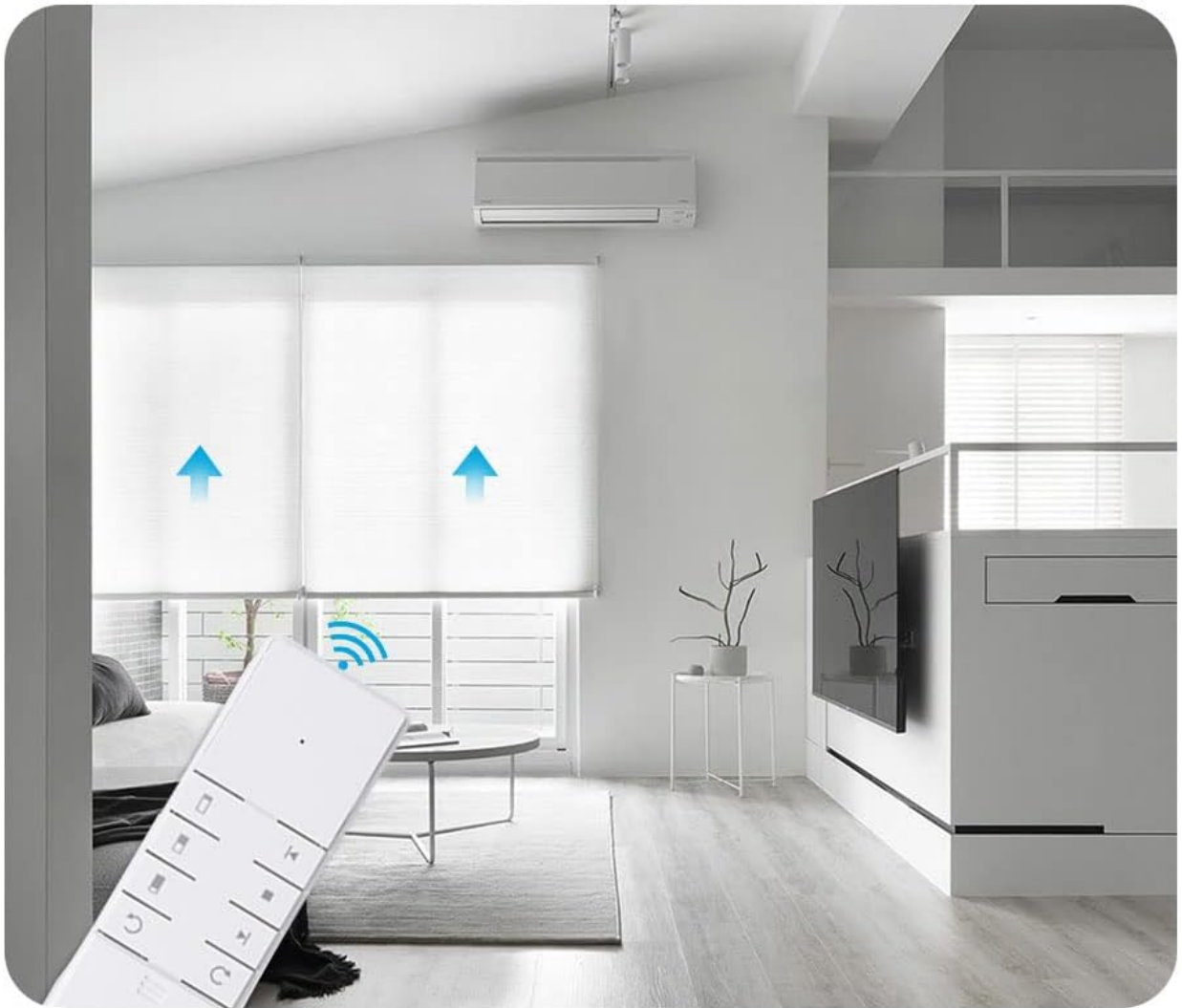


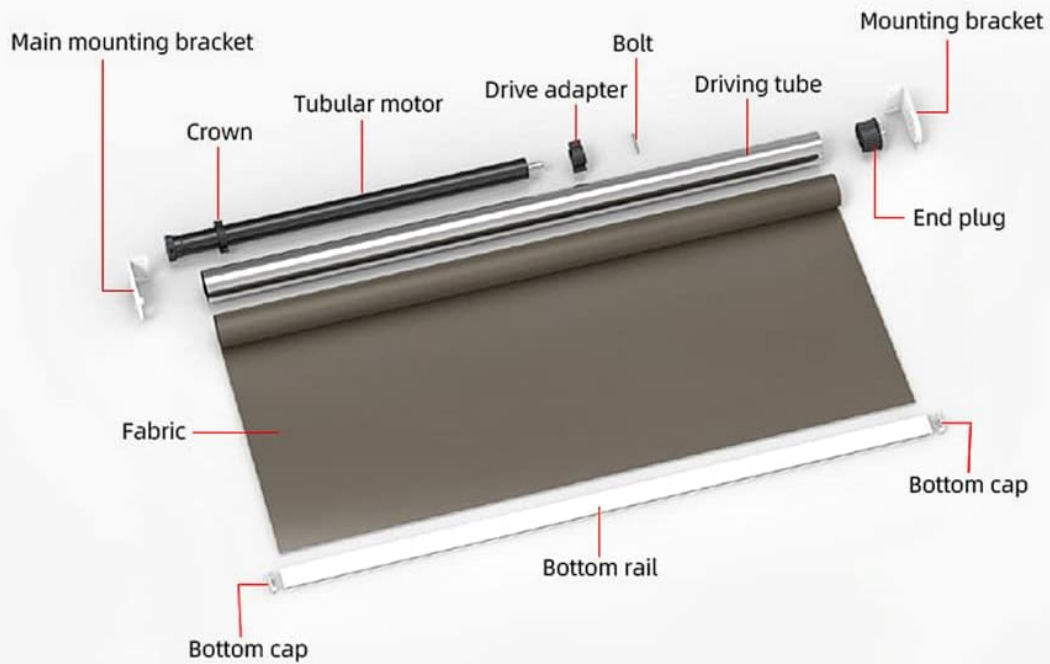
Figure 5: Voice control integration with smart home assistants.

3. RF Remote Control

Use the provided RF remote control for direct operation of your blinds.

1. Insert 2 AAA batteries into the remote control (not included).
2. Follow the pairing instructions in the remote's specific manual (if provided) or the motor's quick start guide to link it with the motor.
3. Use the Up, Down, and Stop buttons to control the blind's movement.

Rolling Blind Motor System



Wide voltage power supply



Third position limit



Electric limit setting



Smart home connection



Wireless remote control and receiver



A variety of control methods, compatibility is strong

Figure 6: RF remote control for simple and convenient direct operation.

MAINTENANCE

- Keep the motor and surrounding area clean and free from dust.
- Do not expose the motor to excessive moisture or direct water.
- Periodically check mounting hardware for tightness.
- If the remote control stops responding, check and replace batteries.

TROUBLESHOOTING

Motor Not Responding

- Check power connection: Ensure the motor is properly plugged into a working power outlet.
- Check remote batteries: Replace AAA batteries in the remote control.
- Re-pair device: Attempt to re-pair the motor with the remote or the smart app.

Blinds Not Moving to Correct Limits

- Re-set limits: Follow the instructions in the operating section or app to re-set the upper and lower travel limits.

Voice Control Not Working

- Verify app connection: Ensure the motor is connected and controllable via the Tuya/Smart Life app.
- Check smart assistant link: Confirm that your Tuya/Smart Life account is correctly linked to Alexa or Google Home.
- Re-discover devices: Ask your smart assistant to "discover devices."

SPECIFICATIONS

Feature	Specification
Model Number	ZM35E-110V
Rated Voltage	110V / 230V (Wide Voltage)
Rated Current	500mA
Rated Speed	18rpm / 17rpm
Rated Torque	10N.m
Motor Diameter	35mm
Bearing Capacity	20kg
Compatible Tube Diameter	40mm, 50mm, 55mm (aluminum tubes)
Control Methods	APP (Tuya/Smart Life), Voice (Alexa/Google Home), RF Remote
Dimensions (Motor)	Approximately 60cm (Length) x 5cm (Diameter)

Figure 7: Detailed product specifications, including motor dimensions and technical data.

WARRANTY AND SUPPORT

BlindsMart products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official BlindsMart website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact BlindsMart customer service.

Contact Information:

- [BlindsMart Store on Amazon](#)
- Refer to your product packaging for direct customer service contact details.