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› SmartWings Motorized Blinds with Remote for Windows, Automatic Smart Blinds Electric Roller Shades Blackout work with Alexa Homekit Thread Google Z-wave, Custom Up to 110" W x 128" H, Vinyl Black V-black

SmartWings Roller Shades

SmartWings Motorized Blinds Instruction Manual

MODEL: ROLLER SHADES

1. PRODUCT OVERVIEW

The SmartWings Motorized Blinds are designed to provide convenient and efficient light control for your windows. These automatic electric roller shades feature blackout fabric for optimal privacy and light blocking, and offer seamless integration with various smart home systems including Alexa, Homekit, Thread, Google, and Z-wave. They are custom-made to fit your specific window dimensions, ensuring a perfect fit and enhanced aesthetic appeal.

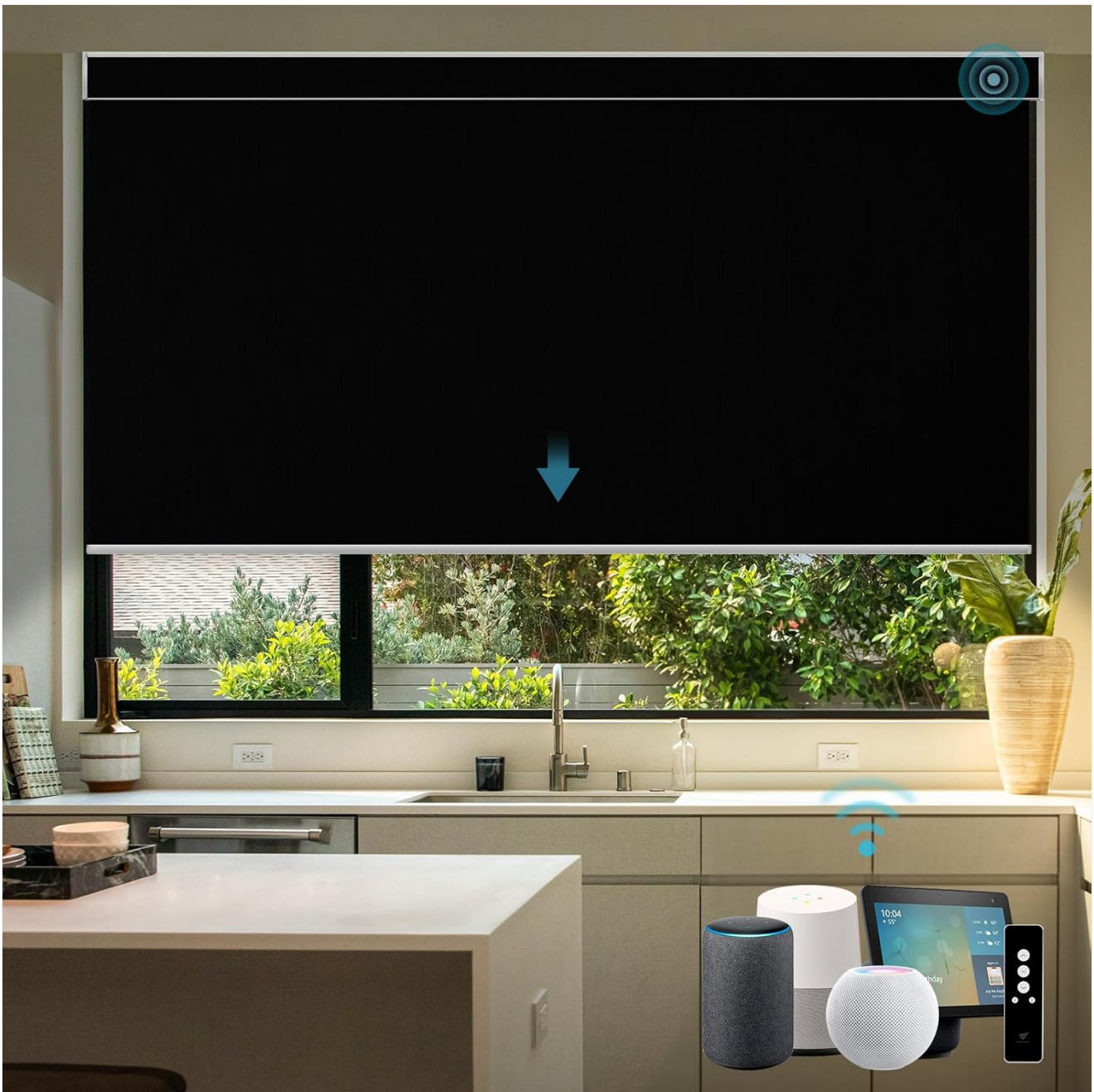


Figure 1: SmartWings Motorized Blackout Roller Shade in a kitchen setting, showcasing smart home integration.

2. KEY FEATURES

- **Various Motor Options:** Choose from Standard Motor (remote control), Zigbee Motor (Alexa compatible: Echo Plus 2nd Gen, Echo Show 2nd Gen, Echo Studio, Echo Show 10, Echo 4th Gen), Z-wave Motor (Z-wave Hub compatible), or Matter Motor (Homekit/Alexa/Google smart devices compatible).
- **Blackout Fabric:** Durable double-sided textured fabric with three layers for excellent light-blocking and insulation, ideal for bedrooms, nurseries, and business areas.
- **Custom-Made:** Available in custom sizes from 16" to 110" in width and 22" to 128" in height to ensure a precise fit for your windows.
- **Smart Home Integration:** Equipped with a smart module for linking to various home devices, allowing for scheduled operation, timer functions, and voice control for hands-free convenience.

Matter Motor Over Thread



matter



* One Unified System for All Devices

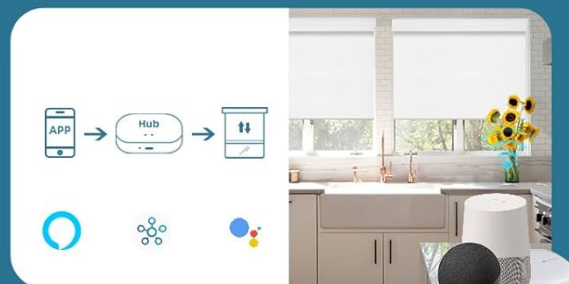
* Local Data for Greater Security

* Faster & More Reliable Link Methods

* Wider Range With Thread-enabled devices



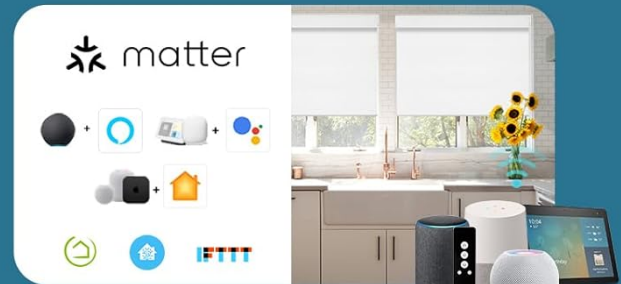
① Basic remote control



② Work with Smart Link



③ Direct connection to all Thread Border Router-enabled devices



④ Link to Matter Hub

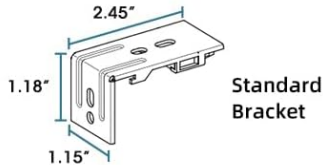
Figure 2: Matter Motor Over Thread technology, showing various control methods.

HOW TO MEASURE

Custom size measurements. Oversized can also be made.



Depth ≥ 2.45"



INSIDE MOUNT

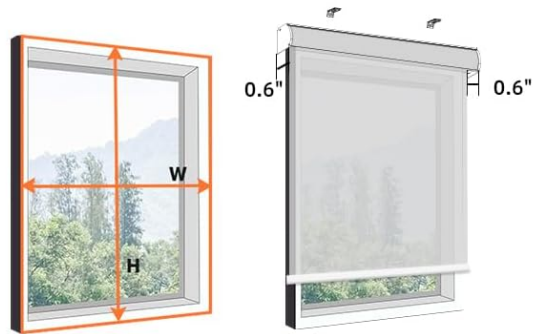
- ① The dimensions measured and submitted are the exact width & height of the window frame.
 - ② Please measure the depth of the window frame. A minimum of 2.45" is required for mounting brackets.
- ⚠ We do not recommend selecting a size other than the actual width of the window frame.

OUTSIDE MOUNT

Please measure the width and height along the outside window frame, then add 3"-6" to the exact width and height for custom size.

- ① The order width and height are the dimensions of the actual whole blinds.
- ① We recommend adding 3"-6" to the window frame size as the actual blinds' width and height to enable blinds to fully cover the whole window.
- ① Outside mount types are supplied with additional extension brackets.

CAUTION: Due to hardware, fabric width will be 0.8-1.2" shorter than Valance width.



Personalize

Figure 3: SmartWings blinds integrating with major smart home platforms.

3. SETUP

3.1 Measuring Your Window

Accurate measurements are crucial for a proper fit. Please follow the guidelines below for both inside and outside mount installations. For a visual guide, refer to the video provided.

Video 1: How to Measure for SmartWings Blinds. This video provides detailed instructions for accurate window measurements.

Inside Mount Measurement:

- Measure the width of the window frame at the top, middle, and bottom. Take the minimum of these three data points.
- Measure the height of the window frame at the left, middle, and right. Take the maximum of these three data points.

- Measure the depth of the window frame. A minimum depth of 2.4" (6cm) is required for mounting brackets.

Outside Mount Measurement:

- Measure the width and height along the outside window frame.
- We recommend adding 3"-6" (7.6cm-15.2cm) to the exact width and height to ensure the blinds fully cover the window.



Figure 4: Detailed measuring instructions for both inside and outside mount installations.

3.2 Installation

All necessary screws, mounting brackets, and detailed installation instructions are included in your package. Please refer to the specific guide provided with your product for step-by-step installation procedures.

Product Detail

(Example of a model with valance cover)

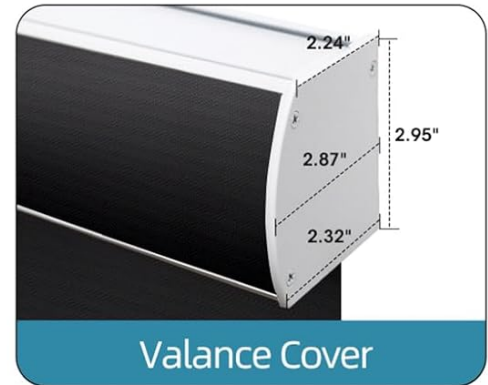
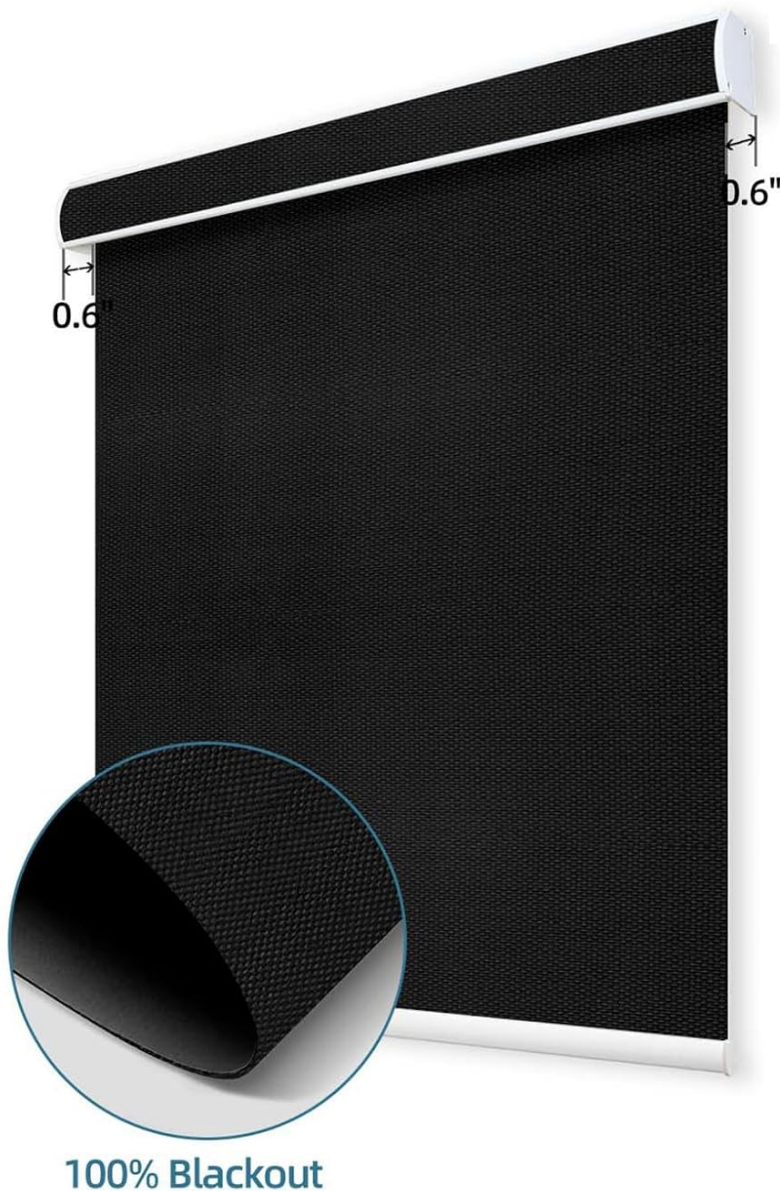


Figure 5: Included accessories for installation and operation.

4. OPERATING INSTRUCTIONS

Your SmartWings motorized blinds can be operated via remote control, voice commands through smart home devices, or a dedicated app, depending on your chosen motor type.

4.1 Remote Control Operation

Use the provided remote control to raise, lower, and stop the blinds. Specific button functions will be detailed in the remote's accompanying guide.

4.2 Smart Home Integration

For Zigbee, Z-wave, or Matter motors, connect your blinds to your compatible smart home hub (e.g., Amazon Echo, Homekit hub, Google Home). Once connected, you can:

- **Voice Control:** Use voice commands (e.g., "Alexa, open the blinds") to control your shades.

- **App Control:** Control your blinds from your smart home app on your smartphone or tablet.
- **Scheduling & Timers:** Set automated schedules for your blinds to open or close at specific times, such as sunrise or sunset, enhancing energy efficiency and convenience.



Figure 6: Automated operation of blinds based on time settings.

5. MAINTENANCE

5.1 Cleaning

The blackout fabric is easy to clean. You can wipe off dust and light stains with a dry or wet cloth. Avoid harsh chemicals or abrasive cleaners that may damage the fabric.

5.2 Battery Charging

The motorized blinds are equipped with durable rechargeable batteries. A full charge typically takes about 6 hours and can last for approximately 600 operations (about half a year with typical use). Connect the charging cable to the charging port on the motor when the indicator light signals low battery.

SmartWings Rechargeable Blinds

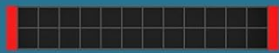


Charging for 6 hours
Running 600 times

(About half a year)



1 Solar Panel is Optional.
No need to worry about the Charging any more.



*OPTIONAL

2 Charge By USB Plug
*NOT INCLUDED



3 Charge By Powerbank
*NOT INCLUDED



Figure 7: Battery charging details and methods.

6. TROUBLESHOOTING

- **Blinds not responding:** Check if the remote control battery is low or needs replacement. Ensure the blind's motor battery is charged. Verify that the remote is paired correctly with the blinds.
- **Smart home connectivity issues:** If using Zigbee, Z-wave, or Matter, ensure your smart home hub is online and within range. Try unpairing and re-pairing the blinds through your smart home app. Consult your smart home hub's manual for specific troubleshooting steps.
- **Uneven movement:** This may indicate an issue with the motor's limit settings. Refer to the detailed product manual for instructions on resetting or adjusting the upper and lower limits.
- **Noise during operation:** A slight motor hum is normal. Excessive or unusual noise may indicate an obstruction or a mechanical issue. Ensure the blinds are installed correctly and move freely.

7. SPECIFICATIONS

Attribute	Value
Brand	SmartWings
Model Number	Roller Shades
Material	Metal (Mechanism), Polyester (Fabric)
Color	V-black
Opacity	Blackout
Operation Mode	Automatic
Control Type	Motorized
Product Dimensions	16"W x 22"H (Customizable up to 110"W x 128"H)
Recommended Uses	Indoor (Office, Bedroom, Living Room, Study Room)
Special Feature	Blackout, Cordless
Included Components	Mounting Hardware
UPC	728872481061

8. WARRANTY AND SUPPORT

SmartWings offers a free **2-year assurance** for your blinds. In the event of any damage or failure of the blinds within the first two years from the date of purchase, we will provide a repair or replacement free of charge.

We are committed to improving your user experience. If you have any questions, concerns, or require assistance, please do not hesitate to contact us directly. Our customer support team aims to respond to all inquiries within 24 hours.