

- Manuals.plus /
- > [Sortfle](#) /
 - > AM35 Electric Roller Blinds WiFi Motor Instruction Manual

Sortfle AM35-6/28-MEL-PW

AM35 Electric Roller Blinds WiFi Motor Instruction Manual

Brand: Sortfle | Model: AM35-6/28-MEL-PW

1. INTRODUCTION AND PRODUCT OVERVIEW

The Sortfle AM35 motor is designed for the motorization upgrade of various applications including roller blinds, outdoor sunshades, retractable patio screens, and golf simulator projection screens. This motor offers both remote control and WiFi control capabilities, providing enhanced convenience and smart home integration.



Figure 1: The AM35 Electric Roller Blinds WiFi Motor, showcasing its compact design alongside the remote control and a smartphone displaying the control application.

2. KEY PRODUCT FEATURES

- **Large Torque Motor:** This tubular motor provides a powerful torque of 6Nm, capable of delivering approximately 22kg (50 pounds) of pulling force. It features a built-in electronic limit switch, allowing for adjustable operating distances to suit your specific needs.
- **Power Supply:** The motor operates on a 110V power supply and is not rechargeable, ensuring continuous operation without the need for battery recharging.
- **Smart Awning Motor:** Equipped with a built-in WiFi module, the motor can directly connect to your router. This enables remote control via a dedicated mobile application. It also supports voice control through popular smart home assistants like Alexa and Google Home, in addition to traditional app remote control.
- **Dimensions:** The motor body has a diameter of 13.8 inches (35mm). It is compatible with drive wheels of 50mm in size. Please ensure to select the correct size according to your pipe dimensions.

Specification



Motor Cable



Model No:	AM35-6128-MEL-PW	Rated Torque:	6Nm
Rated Voltage:	AC110V	Working time:	4min
Rated Power:	115W	Receive Frequency:	433.92MHZ
Rated Frequency:	50/60Hz	IP Class:	IP44
Rated RPM:	28rpm	Insulationlevel:	CLASS H

Figure 2: Detailed dimensions and main functions of the WiFi Roller Shade Motor, including compatibility with various pipe sizes.

Voice Control

Upgrade your roller blinds with this wifi motor, you can achieve voice control of your blinds through Alexa and Google Home, enabling you to enjoy a smart and convenient lifestyle.



Figure 3: Voice control functionality with Alexa and Google Home, allowing for convenient operation of your motorized blinds.

3. TECHNICAL SPECIFICATIONS

Specification	Value
Model No.	AM35-6/28-MEL-PW
Rated Voltage	AC110V
Rated Power	115W
Rated Frequency	50/60Hz
Rated RPM	28rpm
Rated Torque	6Nm
Working time	4min
Receive Frequency	433.92MHZ
IP Class	IP44
Insulation Level	CLASS H
Material	Metal
Color	Yellow
Size	Fit 2" Tube
Product Dimensions	19"D x 2"W x 2"H
Operation Mode	Electric
Assembly Required	Yes
Country of Origin	China

Suitable for DIY Shade Awning



Figure 4: Motor cable wiring diagram and remote control overview.

4. SETUP AND INSTALLATION

This section guides you through the initial setup of your AM35 motor, including attaching the correct drive wheels, wiring, and pairing with the Smart Life app and remote control.

4.1 Attaching Drive Wheels

The AM35 motor is compatible with three different drive wheel sizes (2-inch, 2.2-inch, and 2.5-inch) to fit various pipe diameters. Ensure you select the drive wheel that matches your pipe's inner diameter and groove configuration for proper fit and function.



Figure 5: Images illustrating the motor's end cap removal and the drive wheel attachment process.

4.2 Wiring the Motor

The motor features three wires: neutral, live, and ground. The yellow-green wire is the ground wire and can be left hanging if not connecting to a grounded outlet. For direct wall wiring, ensure proper electrical connections are made according to local codes. For testing, the motor wires can be connected to a standard plug.



Figure 6: Motor with power cable and remote control, ready for wiring.

4.3 App Pairing (Smart Life App)

1. Plug in the motor to a power source.
2. Open the Smart Life application on your smartphone.
3. Press the "prog" button on the motor once.
4. Immediately short press the "prog" button four more times.
5. On the fifth press, hold the "prog" button until the motor jerks twice. This indicates it is in WiFi pairing mode. Release the button.
6. In the Smart Life app, click "Add Device" and search for "WiFi tubular motor".
7. Follow the on-screen prompts to connect the motor to your WiFi network and add it to your devices.

4.4 Remote Control Pairing

1. Press the "prog" button on the motor once. The motor will jerk once.
2. Immediately press the "up" button on the remote control. The motor will jerk again.
3. The remote control is now successfully paired with the motor.

Your browser does not support the video tag.

Video 1: A comprehensive guide demonstrating the setup process for the AM35 WiFi Tubular Motor, including attaching drive wheels, wiring, and pairing with both the Smart Life app and the remote control. (Duration: 2:29)

5. OPERATION

Once set up, the AM35 motor offers multiple ways to control your blinds or shades.

5.1 Setting Limits

After pairing, it is crucial to set the upper and lower limits for the motor's travel based on your window or shade height. This can be done within the Smart Life application. Once limits are set, the motor will automatically stop at these predefined positions.

5.2 App Control

The Smart Life app allows for precise control over the motor's rotation. You can open, close, or adjust the shade to any desired percentage. The app also supports setting timer switches and other advanced functions for automated operation.

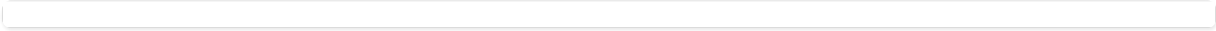


Figure 7: Siri Shortcuts integration for convenient voice control of your blinds.



You Can Schedule Your Blinds

Create a schedule for your blinds, ditch your alarm clock, let the sunlight wake you up, and start a wonderful day.

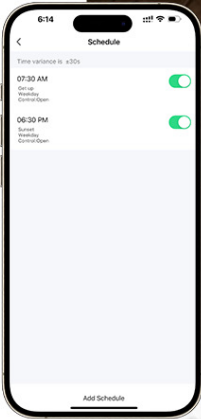




Figure 8: Schedule your blinds to open or close automatically, enhancing daily convenience.

5.3 Remote Control Operation

The included RF 433MHz remote control offers a long-distance range and stable operation, even penetrating through walls. Use the dedicated buttons on the remote to raise, lower, or stop the blinds. A 16-channel remote controller can be purchased separately to control multiple roller blinds with a single remote.

Include 1 Channel Remote

RF 433MHz remote control, penetrates through walls, has a long-distance range, and offers stability. You can purchase a 16-channel remote controller to control all roller blinds with just one remote



Figure 9: The included 1-channel remote control for direct operation of the motor.

6. MAINTENANCE

The AM35 motor is designed for durability and requires minimal maintenance. Regularly inspect the motor and wiring for any signs of wear or damage. Keep the motor free from dust and debris. Do not attempt to disassemble the motor as this may void the warranty and could lead to electric shock.

7. TROUBLESHOOTING

- **Motor not responding:** Check power supply and ensure the motor is properly plugged in. Verify that the remote control batteries are not depleted. Re-pair the motor with the app or remote if necessary.
- **Motor not stopping at desired limits:** Re-calibrate the upper and lower limits using the Smart Life app.
- **Motor making unusual noises:** Disconnect power immediately and inspect for any obstructions or loose components. If the issue persists, contact customer support.
- **App connectivity issues:** Ensure your WiFi network is stable and the motor is within range of your router. Restart your router and the Smart Life app.

8. SAFETY INFORMATION

Always install and operate the AM35 motor according to the provided instructions. Keep the product out of reach of children. Ensure all electrical connections are secure and comply with local electrical safety standards. Do not expose the motor to excessive moisture or extreme temperatures.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Sortfle website or contact their customer service directly. Keep your purchase receipt for warranty claims. You can visit the Sortfle store at [Sortfle Official Store](#) for more products and support.

© 2024 Sortfle. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B0D224QW9S>

More documents and user manuals: <https://manuals.plus/>