

Blüzeit ME-GO-600

Blüzeit 1400lb Sliding Gate Opener (ME-GO-600) User Manual

Model: ME-GO-600

1. INTRODUCTION

Thank you for choosing the Blüzeit 1400lb Sliding Gate Opener. This manual provides essential information for the safe installation, operation, and maintenance of your gate opener. Please read this manual thoroughly before installation and keep it for future reference. This model is designed for sliding gates up to 1400 lbs and features solar power compatibility, WiFi control, and a built-in battery backup.

2. SAFETY INFORMATION

WARNING: Improper installation or use can cause serious injury or death. Always follow all safety instructions.

- Ensure the gate is properly installed and operates freely before installing the opener.
- Keep children and pets away from the gate area, especially during operation.
- Do not allow children to operate the gate opener or play with remote controls.
- Install the gate opener controls and remote controls out of reach of children.
- Never attempt to repair the gate opener yourself. Contact qualified service personnel.
- Disconnect power to the gate opener before performing any maintenance or repairs.
- Ensure all safety devices, such as infrared sensors, are correctly installed and functioning.



*The gate opener infrared sensor features a detection range of up to **50 feet**, a response time of less than **2 milliseconds**, and strong anti-interference capability, ensuring fast, accurate, and reliable operation in various environments.*

Image: Infrared safety sensor. This sensor detects obstacles in the gate's path, stopping and reversing the gate to prevent accidents.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 × Gate Opener Motor Unit
- 2 × Remote Controls (batteries included)
- 2 × Manual Release Keys
- 1 × Infrared Sensor Set
- 1 × Installation Kits (mounting hardware)
- 1 × User Manual (this document)



Image: Main product image showing the gate opener motor unit.

4. SPECIFICATIONS

Feature	Specification
Model Number	ME-GO-600
Max Gate Weight	1400 lbs
Motor Power	280W DC
Operating Voltage	DC24V
Built-in Battery	DC24V 6.0Ah Lithium-ion
Battery Standby Time	3-5 days (without WiFi/IR), up to 7 days (with solar)
Solar Panel Input (Optional)	32-35V (Recommended 20-25W, Max 35W)

AC Power Input	AC110V
Noise Level	<45dB
Operating Temperature	-13°F to 131°F (-25°C to 55°C)
Protection Rating	IP65
Remote Control Range	Up to 165 ft (50m)
Product Dimensions	11.81 x 8.27 x 10.63 inches
Item Weight	22.9 pounds

5. SETUP & INSTALLATION

5.1 Mounting the Opener

The gate opener should be mounted on a stable, level concrete pad or a sturdy mounting post adjacent to the gate. Ensure the opener's drive gear aligns correctly with the gate rack (rack not included in this 'Motor Only' package).



Versatile Installation

Universal Retrofit

You can retrofit directly onto your existing sliding gate—even a hanging-leg (“swing-foot”) gate—by mounting the rack and operator at mid-span to convert a manual gate into an automatic one.

Fence gate

Any framed fence gate will accept the rack: simply secure it to the frame, and the opener will automate your gate's opening and closing.

Image: Diagram illustrating the installation of the gate opener and rack on a sliding gate.

5.2 Power Connection

The opener supports both AC110V power and solar charging. It has a built-in lithium-ion battery for backup.

- **AC Power:** Connect the provided AC adapter to a standard 110V outlet and to the opener's power input. The system will automatically manage battery charging.
- **Solar Power (Optional):** If using a solar panel (not included), connect it to the designated solar input terminals. The recommended solar panel specification is 20-25W (max 35W) with a 32-35V output. The system will prioritize solar charging and maintain the built-in battery.

Sunlight becomes power

Pure Solar Power

Our DC gate opener runs entirely on solar energy—no external electricity required. With just sunlight, the system stays fully functional, even in remote locations. It's an eco-friendly, energy-efficient solution that reduces dependency on the power grid.

Built-in Energy Storage

The high-efficiency solar panel converts sunlight into electricity, which is then stored in a built-in lithium battery. No need to purchase or install separate batteries. This integrated design ensures seamless operation day and night, rain or shine.

Easy & Cost-Effective Installation

Forget about wiring or trenching. With solar power and built-in storage, installation becomes quicker, cleaner, and more affordable. It's the ideal choice for reducing labor and long-term energy costs while enjoying reliable gate automation.

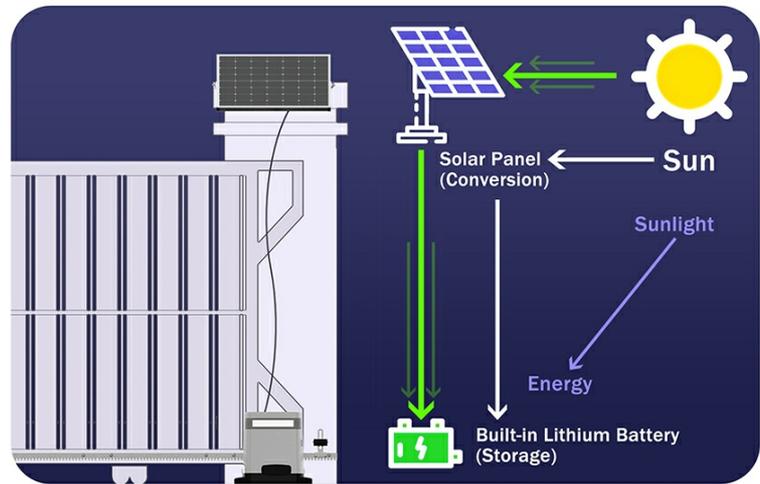


Image: Illustration of solar panel connection to the gate opener for eco-friendly power.

5.3 Installing Accessories

- **Infrared Sensor:** Mount the infrared sensor units on opposite sides of the gate opening, ensuring a clear line of sight between them. Connect them to the designated terminals on the control board. This sensor provides an essential safety feature, stopping and reversing the gate if an obstruction is detected.
- **Magnetic Limit Switches:** Install the magnetic limit switches at the desired open and closed positions of the gate. These switches signal the opener when to stop, ensuring precise gate positioning.
- **Gate Rack (Not Included):** For operation, a gate rack must be securely attached to your sliding gate. Ensure the rack teeth mesh correctly with the opener's drive gear.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Operation

Your gate opener comes with two remote controls. Press the designated button on the remote to open or close the gate. The remote has a range of up to 165 feet (50 meters).



Image: Two remote controls for operating the gate opener.

6.2 WiFi and App Control (eWeLink)

The built-in WiFi module allows control via the "eWeLink" smartphone app. Download the app, register an account,

and follow the in-app instructions to connect your gate opener. The app enables:

- Remote open/close functionality.
- Scheduling gate operations.
- Customizing scenes (e.g., open when you arrive home).
- Multi-user access for family members.
- Compatibility with Amazon Alexa, Google Assistant, and Apple Siri for voice control.



WiFi
**Wi-Fi
Connectivity**



**Smartphone
Control**

works with | **alexa**

**Amazon
Alexa**

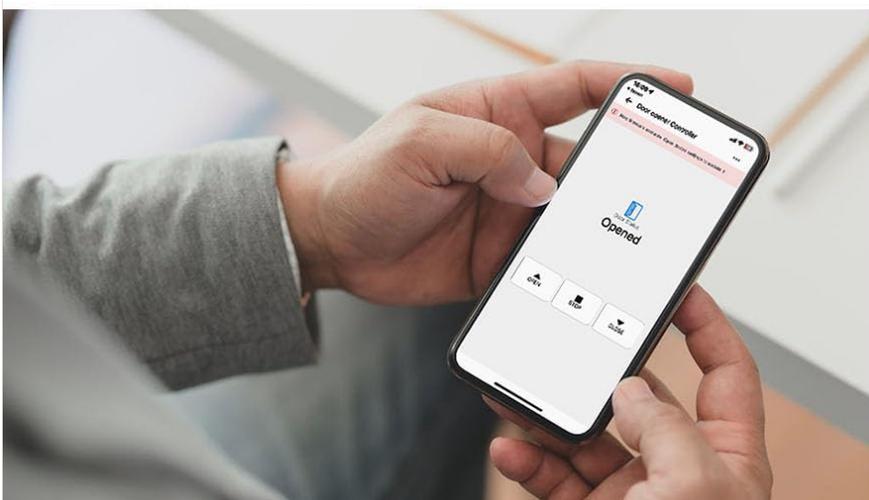


Image: A smartphone displaying the eWeLink app interface, showing the gate status as 'Opened'.

6.3 Auto-Close Feature

The auto-close feature can be configured to automatically close the gate after a set period (1 to 60 seconds) once it has fully opened. Refer to the control board settings for adjustment instructions.



Auto Closing Feature

**Easily set the
Auto-Closing time to suit
your needs, ensuring you
never forget to close the
door.**

Image: A gate in the process of closing, illustrating the auto-closing feature.

6.4 Manual Release

In case of a power outage or system malfunction, the gate can be operated manually. Insert the provided manual release key into the lock on the opener and turn it to disengage the motor clutch. This allows you to push the gate open or closed by hand.



The gate opener features a manual release function, allowing operation without power. Using a backup key and hex key, the clutch can be disengaged for easy manual opening and closing when needed.

Image: Manual release keys inserted into the gate opener for emergency manual operation.

6.5 LED Status Indicator

The built-in LED indicator provides real-time status of the gate:

- **Green Light:** Indicates the gate is open.
- **Red Light:** Indicates the gate is closed.

7. MAINTENANCE

- **Regular Inspection:** Periodically check the gate and opener for any signs of wear, damage, or loose connections. Ensure the gate moves freely without obstruction.
- **Cleanliness:** Keep the opener unit clean and free from debris. The IP65 rating protects against dust and water, but excessive buildup can affect performance.
- **Battery Check:** The built-in lithium-ion battery is designed for long life. If the opener is primarily AC powered, ensure the battery is charging correctly. If solar-powered, keep the solar panel clean for optimal efficiency.
- **Lubrication:** Lubricate moving parts of the gate (hinges, rollers) as recommended by the gate manufacturer. The opener's internal components are generally maintenance-free.
- **Safety Sensor Test:** Regularly test the infrared safety sensor by placing an object in its path while the gate is closing to ensure it stops and reverses.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gate does not move	No power; Remote battery dead; Manual release engaged; Obstruction; Limit switch issue.	Check power supply/battery; Replace remote battery; Disengage manual release; Remove obstruction; Check limit switch connections.
Gate stops unexpectedly	Obstruction detected by infrared sensor; Motor overheating; Power fluctuation.	Clear obstruction; Allow motor to cool; Check power connections.
Remote control not working	Dead battery; Out of range; Remote not paired.	Replace remote battery; Move closer to opener; Re-pair remote (refer to pairing instructions).

WiFi/App control issues	No internet connection; App not configured; WiFi module issue.	Check home WiFi network; Reconfigure app settings; Contact support if module is faulty.
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9. WARRANTY & SUPPORT

Blütezeit products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or contact Blütezeit customer service.

If you encounter any problems during installation or operation, or require technical assistance, please contact Blütezeit customer support. Our professional team is available to provide guidance and solutions.





Technical Guidance

If you encounter any problem during installation, please allow our assistance from Blütezeit professional who knows your products well to help.

Technical Assistance



Image: Illustration representing technical support and assistance.