

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

› [ISWARD](#) /

› ISWARD G30 Robotic Lawn Mower User Manual

ISWARD G30-GREY

ISWARD G30 Robotic Lawn Mower User Manual

Model: G30-GREY

1. INTRODUCTION

Thank you for choosing the ISWARD G30 Robotic Lawn Mower. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new robotic lawn mower. The ISWARD G30 is designed to provide effortless lawn care for areas up to 3000 m², utilizing advanced RTK + Vision integration for precise positioning without the need for boundary wires. Its intelligent features include multi-zone management, app control, and a low-noise operation, ensuring a pristine lawn with minimal effort.



Figure 1.1: The ISWARD G30 Robotic Lawn Mower, a compact and efficient device for automated lawn care.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the robotic lawn mower. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **General Safety:** Keep children and pets away from the working area when the mower is operating. Never allow children to play with the appliance.
- **Before Operation:** Inspect the lawn for objects such as stones, toys, or wires that could be thrown by the blades. Remove any such objects.
- **During Operation:** Do not lift the mower while it is running. Always turn off the mower and disconnect the power before performing any maintenance or cleaning.
- **Blade Safety:** The blades are sharp. Exercise caution when handling the blades. Always wear protective gloves when replacing blades.
- **Charging:** Use only the charger supplied by the manufacturer. Ensure the charging station is placed on a level surface and protected from extreme weather conditions.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

BOX-INHALT



Figure 3.1: Overview of the items included in the ISWARD G30 Robotic Lawn Mower package.

- ISWARD Mower
- Charging Station
- Cleaning Brush
- Battery (Lithium-Ion)
- Nails (for securing charging station)
- RTK Base Station
- Power Supply
- Extension Cable
- Cutting Disc with Blades
- User Manual

4. SETUP

4.1. Charging Station Placement

Select a suitable location for the charging station. It should be on a flat, level surface with access to a power outlet, and ideally in a

shaded area to protect it from direct sunlight and heavy rain. Secure the charging station to the ground using the provided nails.

4.2. RTK Base Station Setup

The RTK base station is crucial for precise positioning. Place it in an open area with a clear view of the sky, free from obstructions like tall buildings or dense trees, to ensure optimal satellite signal reception. Connect it to the power supply as instructed.



Figure 4.1: The RTK base station and robotic mower receiving positioning signals from satellites for accurate navigation.

4.3. Initial Charging

Before first use, ensure the robotic mower is fully charged. Place the mower onto the charging station. The indicator lights on the mower will show the charging status. A full charge typically takes several hours.



AUTOMATISCHES AUFLADEN



*Wireless Positionierung und
Automatisches Aufladen*



*Wasserbeständiges und
Diebstahlsicheres Design*

Figure 4.2: The robotic mower automatically returning to its charging station for recharging.

4.4. App Installation and Virtual Boundary Setup

Download the iSward app from your device's app store. Follow the in-app instructions to connect your mower. The app allows you to create virtual boundaries for your mowing area, eliminating the need for physical boundary wires. You can also define multiple mowing zones and set obstacle avoidance areas.

EINFACHE STEUERUNG

Genießen Sie eine mühelose und zeitsparende Erfahrung



Figure 4.3: The iSward app interface showing map management and control options for the robotic mower.



Figure 4.4: Illustration of multi-zone mapping capability, allowing efficient management of different lawn areas.

5. OPERATING THE MOWER

5.1. Starting and Stopping

To start mowing, use the iSward app or the control panel on the mower. Press the 'MOW' button to begin operation. To stop the mower at any time, press the large red 'STOP' button located on top of the unit. This will immediately halt all operations.



Figure 5.1: Close-up of the prominent red STOP button on the mower for immediate cessation of operation.



Figure 5.2: The mower's display screen and control buttons for direct operation and settings adjustment.

5.2. Mowing Schedule and Height Adjustment

Use the iSward app to set a mowing schedule that suits your needs. You can define specific times and days for the mower to operate. The app also allows you to adjust the cutting height to achieve your desired lawn length.

5.3. Anti-Theft Function

The ISWARD G30 is equipped with an anti-theft system. If the mower is moved outside its designated area or tampered with, you will receive an alert via the iSward app. The app also allows you to track the mower's location.

5.4. Low Noise Operation

The ISWARD G30 operates at a low noise level, typically below 65 dB, allowing for quiet lawn maintenance without disturbing your peace or your neighbors.



NIEDRIGES GERÄUSCH

Leiser Betrieb, weniger als 65dB

Figure 5.3: The ISWARD G30 operating quietly in a garden setting, demonstrating its low noise level.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your robotic lawn mower. Always turn off the mower and disconnect it from the charging station before performing any maintenance.

6.1. Cleaning

Regularly clean the mower's chassis, wheels, and cutting deck to remove grass clippings, dirt, and debris. Use the provided cleaning brush or a soft cloth. Avoid using high-pressure water jets directly on the mower.

6.2. Blade Replacement

The blades should be inspected regularly for wear and damage. Replace dull or damaged blades to ensure a clean cut and prevent strain on the motor. Always use original ISWARD replacement blades and wear protective gloves during replacement.



Figure 6.1: Close-up view of the cutting disc with its blades, which require periodic inspection and replacement.

6.3. Battery Care

The mower is powered by a Lithium-Ion battery. For optimal battery life, avoid fully discharging the battery frequently. Store the mower in a dry, temperate environment during off-season periods, ensuring the battery is partially charged (around 50%) before storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your ISWARD G30 Robotic Lawn Mower. For more complex problems, please refer to the full user manual or contact customer support.

Problem	Possible Cause	Solution
Mower not starting	Low battery; STOP button pressed; Mower not in designated area.	Charge the mower; Release the STOP button; Place mower within virtual boundary.
Poor cutting performance	Dull or damaged blades; Grass too high; Debris on cutting deck.	Replace blades; Mow more frequently or adjust cutting height; Clean cutting deck.
Mower gets stuck frequently	Obstacles in mowing area; Uneven terrain; Virtual boundary issues.	Remove obstacles; Adjust virtual boundary to exclude problematic areas; Ensure terrain is suitable.
App connection issues	Bluetooth/Wi-Fi off; Mower out of range; App needs update.	Ensure Bluetooth/Wi-Fi is on; Move closer to mower; Update the iSward app.

8. SPECIFICATIONS

Technical specifications for the ISWARD G30 Robotic Lawn Mower.



 **Nettogewicht 13kg/28.67lb**

Figure 8.1: Dimensions and net weight of the ISWARD G30 Robotic Lawn Mower.

Feature	Specification
Product Dimensions	55.88 x 44.96 x 24.89 cm
Part Number	G30-GREY
Material Type	Plastic
Drive Type	Battery Powered
Manufacturer	ISWARD
Model Number	G30-GREY
ASIN	B0D12DLD85
Batteries	1 Lithium-Ion battery required (included)
Brand	ISWARD
Power Source	Battery Powered

Feature	Specification
Material	Plastic
Color	Grey
Style	Rotary
Item Weight	21.01 Kilograms (46.31 Pounds)
Cutting Width	19.6 cm (7.7 inches)
Operating Mode	Automatic
Maximum Adjustable Cutting Height	6 Centimeters
Max Slope Capability	57% (30 Degrees)
Noise Level	Less than 65 dB
Max Mowing Area	3,000 m ²

9. WARRANTY AND SUPPORT

ISWARD Technology is dedicated to developing outdoor service robots and garden care solutions. Our goal is to bring innovative and personalized outdoor service robots to every home and public green space.

9.1. Warranty Information

The ISWARD G30 Robotic Lawn Mower comes with a limited warranty:

- **ISWARD Mower:** 2 Years
- **Battery:** 1 Year

Please note that the warranty does not cover wear parts such as cutting heads, tires, or decorative elements.



Figure 9.1: Visual representation of the warranty periods for the mower and its battery.

9.2. Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the official ISWARD website or contact the seller

through your purchase platform. Ensure you have your model number (G30-GREY) and purchase details ready when contacting support.

You can find more information and support resources by visiting the [ISWARD Store on Amazon](#).

© 2024 ISWARD Technology. All rights reserved.