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> Outsunny 3x3m Metal Garden Pergola with Adjustable Retractable Roof, UV30+ Protection - User Manual

## Outsunny 84C-560V00BG

# Outsunny 3x3m Metal Garden Pergola with Adjustable Retractable Roof - User Manual

Model: 84C-560V00BG

## 1. INTRODUCTION

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Thank you for choosing the Outsunny 3x3m Metal Garden Pergola. This pergola is designed to enhance your outdoor living space, providing adjustable shade and protection from UV rays. Its retractable canopy allows you to control sunlight exposure, while the robust metal frame ensures stability and durability. Please read this manual thoroughly before assembly and use to ensure proper installation and safe operation.



Figure 1.1: The Outsunny 3x3m Metal Garden Pergola providing shade over an outdoor dining area on a wooden deck.

## 2. SAFETY INFORMATION

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- **Two-Person Assembly:** For safety and ease of installation, assembly of this pergola is recommended for two people.
- **Weather Conditions:** Always retract the canopy during strong winds, heavy rain, or storms to prevent damage to the pergola and to avoid water accumulation on the canopy.
- **Stable Installation:** Ensure the pergola is securely anchored to the ground using the provided ground stakes or expansion bolts.
- **Regular Inspection:** Periodically check all bolts and connections to ensure they remain tight and secure.

## 3. PACKAGE CONTENTS

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Please verify that all components listed below are present before beginning assembly. If any parts are missing or damaged, please contact customer support.

- 1 x Metal Pergola Frame Set
- 1 x Retractable Canopy Fabric

- 8 x Ground Stakes (for soft ground installation)
- 8 x Expansion Bolts (for hard ground installation)
- 1 x Assembly Manual (this document)
- Necessary Hardware (screws, bolts, etc.)

## 4. ASSEMBLY INSTRUCTIONS

Follow these steps carefully for proper assembly. Refer to the diagrams for visual guidance. Two people are recommended for assembly.

1. **Unpack and Identify Parts:** Carefully unpack all components and lay them out. Compare them with the package contents list and the diagrams in this manual to ensure all parts are present and undamaged.
2. **Assemble the Frame:** Begin by connecting the main support beams and columns according to the provided diagrams. Ensure all connections are secure but do not fully tighten bolts until the entire frame is assembled. The frame features robust 6x6cm metal columns for stability.
3. **Install Sliding Rails:** Attach the aluminum sliding rails to the top frame structure. These rails are designed for smooth and quiet operation of the retractable canopy.



Figure 4.1: Detail of the aluminum sliding rails and the robust 6x6cm metal columns.

4. **Attach the Canopy:** Carefully attach the retractable canopy fabric to the sliding mechanism on the rails. Ensure it is correctly aligned and can slide freely. The canopy is made from 180g PA-coated polyester with



**Figure 4.2:** The retractable canopy mechanism, showing how it slides and the magnetic fasteners for secure closure.

5. **Secure the Pergola to the Ground:** Once the frame and canopy are assembled, position the pergola in its desired location. Use the appropriate anchoring method for your ground type:

- For soft ground (e.g., lawn): Use the provided ground stakes.
- For hard ground (e.g., concrete patio): Use the provided expansion bolts.

Ensure all eight anchor points are securely fastened.



Figure 4.3: Versatile installation options for different ground types.

- 6. Final Tightening:** Once the pergola is securely anchored, go back and fully tighten all bolts and screws on the frame.

## 5. OPERATING INSTRUCTIONS

The Outsunny pergola features an easy-to-use retractable canopy for flexible shade control.

- **Adjusting the Canopy:** To adjust the shade, simply slide the canopy fabric along the aluminum rails. You can extend it fully for maximum shade or retract it partially or completely to allow more sunlight.
- **Securing the Canopy:** When the canopy is fully retracted or extended, magnetic fasteners are integrated to help keep it securely in position.
- **Water Drainage:** The canopy is designed with eyelet holes to facilitate water drainage and prevent accumulation, especially during light rain. However, always retract the canopy during heavy rainfall or storms.



Figure 5.1: The pergola providing comfortable shade for outdoor relaxation.

## 6. MAINTENANCE

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Regular maintenance will prolong the life and appearance of your pergola.

- **Canopy Cleaning:** Clean the polyester canopy fabric periodically with mild soap and water. Rinse thoroughly and allow it to air dry completely before retracting or storing. Avoid harsh chemicals or abrasive cleaners.
- **Frame Cleaning:** Wipe down the powder-coated metal frame with a damp cloth to remove dirt and debris.
- **Seasonal Storage:** In regions with harsh winters or prolonged periods of non-use, it is recommended to remove the canopy fabric and store it indoors to protect it from extreme weather conditions.
- **Check Connections:** Annually, or as needed, inspect all bolts, screws, and anchor points to ensure they are tight and secure.

## 7. TROUBLESHOOTING

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- **Assembly Difficulties:** If you find the assembly instructions unclear, review the diagrams carefully and ensure all parts are correctly oriented. Having a second person assist can significantly simplify the process.

- **Missing Parts:** If you discover a missing component, such as a specific pole or fastener, please contact Outsunny customer support immediately with details of the missing part.
- **Canopy Not Sliding Smoothly:** Check the aluminum rails for any obstructions or debris. Ensure the canopy fabric is correctly threaded through the sliding mechanism and not snagged.
- **Water Accumulation on Canopy:** While the canopy has drainage holes, significant water accumulation can occur during heavy rain if the canopy is fully extended. Always retract the canopy during adverse weather conditions.

## 8. SPECIFICATIONS

<b>Brand</b>	Outsunny
<b>Model Number</b>	84C-560V00BG
<b>Color</b>	Beige
<b>Material</b>	Polyester (canopy), Metal (frame)
<b>Overall Dimensions (L x W x H)</b>	300 cm x 300 cm x 227 cm
<b>Column Spacing</b>	250 cm x 250 cm
<b>Column Dimensions</b>	60 mm x 60 mm
<b>Item Weight</b>	42.5 kg
<b>UV Protection</b>	UPF30+
<b>Water Resistance Level</b>	Water Repellent
<b>Wind Resistance Level</b>	4-5 (with support poles), 5-6 (with anchor bolts)
<b>Snow Load Capacity</b>	5 kg/m <sup>2</sup>
<b>Assembly Required</b>	Yes (2 people recommended)

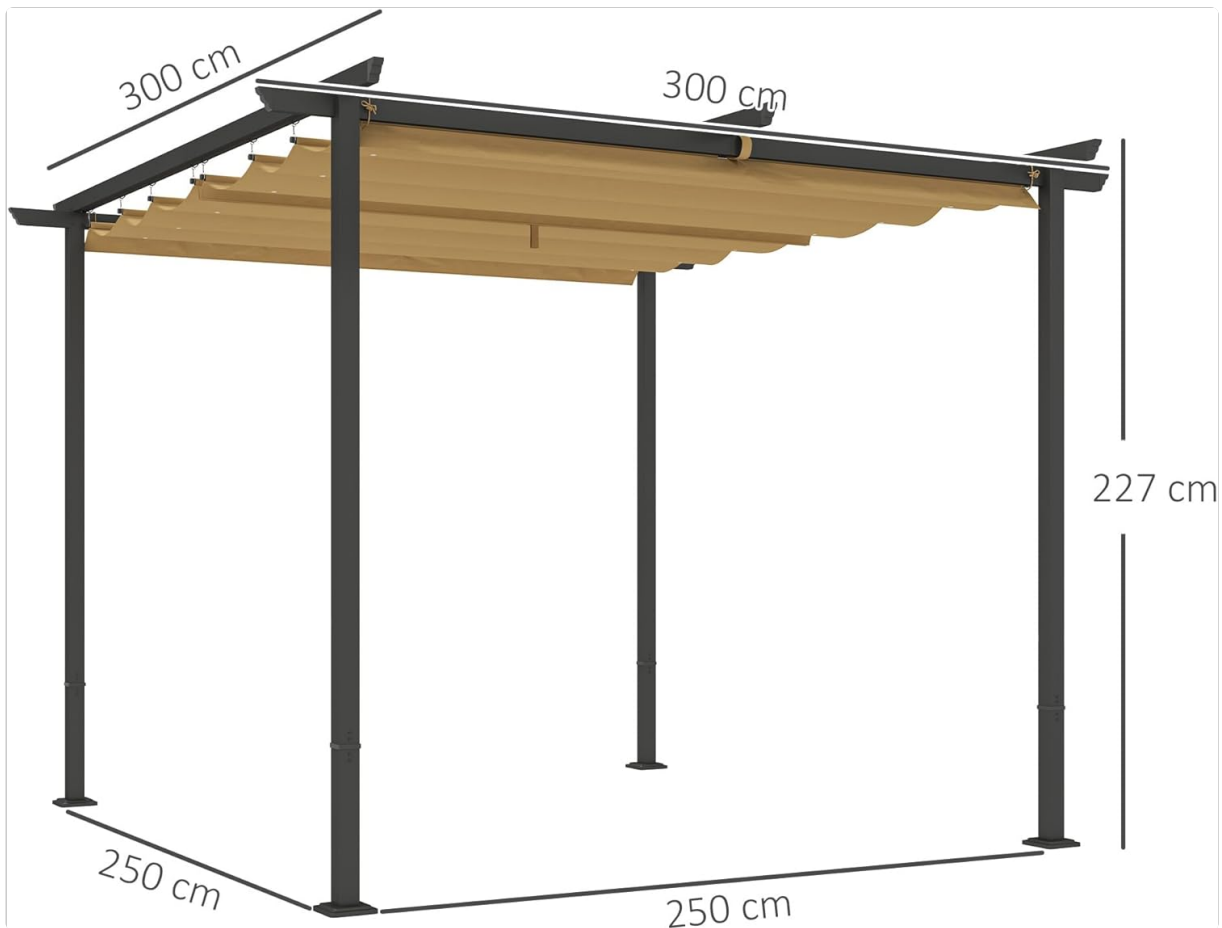


Figure 8.1: Detailed dimensions of the Outsunny 3x3m Metal Garden Pergola.

## 9. WARRANTY AND SUPPORT

For any questions, missing parts, or assistance with assembly and operation, please contact Outsunny customer support. Keep your purchase receipt as proof of purchase.

Contact information can typically be found on the product packaging or the official Outsunny website.