

## Outsunny 845-057GY

# Outsunny 6' x 4' Polycarbonate Greenhouse (Model 845-057GY) Instruction Manual

Brand: Outsunny | Model: 845-057GY

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## 1. SAFETY INFORMATION

### 1.1 General Safety Warnings

- This greenhouse is designed for outdoor use.
- Exercise caution when handling and assembling components, as some edges may be sharp.
- The polycarbonate material is sensitive to UV exposure; avoid prolonged exposure to direct sunlight during storage or assembly.
- Ensure the sliding door and rooftop vent are properly installed and maintained to prevent hazards.
- Always follow the manufacturer's instructions for safe installation and use.
- We recommend placing the greenhouse against a wall and in an area protected from strong winds.
- Securely anchor the greenhouse to the ground to prevent displacement by wind.

## 2. PARTS LIST

Before beginning assembly, verify that all components listed below are present and undamaged. Refer to the assembly diagrams for visual identification of each part.

### 2.1 Frame Components

- Aluminum frame sections (various lengths and shapes, typically numbered for identification).
- Galvanized steel base sections.

## 2.2 Panel Components

- Transparent polycarbonate panels for walls and roof.

## 2.3 Hardware & Accessories

- Assorted screws, bolts, and nuts for assembly.
- Sliding door assembly.
- Rooftop vent assembly.
- Integrated rain gutters.
- Ground bolts/anchors for securing the base.



Figure 1: Overview of the Outsunny 6' x 4' Polycarbonate Greenhouse.



Figure 2: The greenhouse situated in a garden environment.

## 3. SETUP & ASSEMBLY

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### 3.1 Preparation

- **Site Selection:** Choose a level, well-drained area for your greenhouse. Consider sun exposure and protection from strong winds.
- **Tools Required:** You will need a screwdriver (Phillips head recommended), a wrench or socket set, and potentially a rubber mallet.
- **Unpacking:** Carefully unpack all boxes. Components are typically numbered; organize them according to these labels for easier assembly.

### 3.2 Frame Assembly

Begin by assembling the base frame, followed by the vertical supports and roof structure. Ensure all connections are secure but do not fully tighten bolts until the entire frame is aligned.



Video 1: An overview of the Outsunny 845-057GY Greenhouse, demonstrating its features and general assembly process. This video provides a visual guide to the structure and components.

Video 2: A detailed look at the 845-057GY Greenhouse, highlighting key structural elements and offering further insight into its construction.

### 3.3 Panel Installation

The polycarbonate panels slide into designated channels within the aluminum frame. Ensure the UV-protected side of the panels faces outwards to maximize durability and plant protection.



Figure 3: Illustration of the transparent polycarbonate panel and durable aluminum alloy frame, emphasizing material quality.

### 3.4 Door and Vent Installation

Install the sliding door onto its track, ensuring smooth operation. Attach the rooftop vent according to the instructions, verifying that it opens and closes freely for proper ventilation.





Figure 4: Key design features of the greenhouse, including the flexible sliding door for easy access and the rooftop vent for air circulation.

### 3.5 Anchoring the Greenhouse

Utilize the provided ground bolts to secure the galvanized steel base to the ground. This step is crucial for stability, especially in windy conditions.





## INTEGRATED RAIN GUTTERS

Effective for water drainage and collection

Figure 5: The stable design of the greenhouse, featuring four ground bolts to reinforce the base and enhance wind resistance.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Ventilation

The rooftop vent allows for controlled air circulation. Open the vent to release excess heat and humidity, and close it to retain warmth. Adjust based on external temperature and plant requirements.

### 4.2 Access

The sliding door provides convenient access to the greenhouse interior. It can be opened to allow entry for tending to plants or to increase airflow.

### 4.3 Water Collection

The integrated rain gutters are designed to collect rainwater. Position a suitable container beneath the gutter outlets to collect water for irrigation.



**INTEGRATED  
RAIN GUTTERS**  
effective for water  
drainage and collection

Figure 6: A close-up view of the integrated rain gutters, illustrating their function in effective water drainage and collection.

## 5. MAINTENANCE

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- **Cleaning:** Regularly clean the polycarbonate panels with mild soap and water to maintain light transmission. Avoid abrasive cleaners.
- **Fastener Check:** Periodically inspect all screws and bolts to ensure they remain tight. Re-tighten as necessary to maintain structural integrity.
- **Panel Integrity:** Check panels for any signs of damage or loosening. Ensure they are securely seated in their channels to prevent leaks and drafts.
- **Winterization:** In areas with heavy snow or extreme cold, consider reinforcing the roof or temporarily removing panels to prevent damage from snow load. Ensure proper sealing to minimize heat loss.
- **Gutter Maintenance:** Keep rain gutters clear of debris to ensure proper water flow.

## 6. TROUBLESHOOTING

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## 6.1 Common Issues and Solutions

- **Wobbly Frame:** If the frame feels unstable after initial assembly, ensure all bolts are tightened. The structure gains significant rigidity once all panels are installed.
- **Panels Not Fitting:** Double-check that all frame components are correctly oriented and assembled according to the instructions. Sometimes, slight adjustments to frame alignment are needed before panels can slide in smoothly. Ensure the protective film is removed from both sides of the panels.
- **Leaks:** Inspect all panel edges and frame joints for gaps. Applying weather stripping or silicone sealant to problematic areas can help prevent leaks. Ensure rain gutters are properly installed and clear.
- **Difficulty with Sliding Door:** Ensure the door track is clean and free of obstructions. Lubricating the track with a silicone-based spray can improve sliding action.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Outsunny
Model Number	845-057GY
Product Dimensions (L x W x H)	74.75" x 52" x 79.25"
Item Weight	54 Pounds
Frame Material	Aluminum
Cover Material	Polycarbonate (PC)
Nominal Wall Thickness	0.16 Inches
Number of Doors	1 (Sliding)
Number of Vents	1 (Rooftop)
Indoor/Outdoor Usage	Outdoor
Special Feature	Heavy Duty, Rain Gutter
Color	Gray
UPC	196393244845



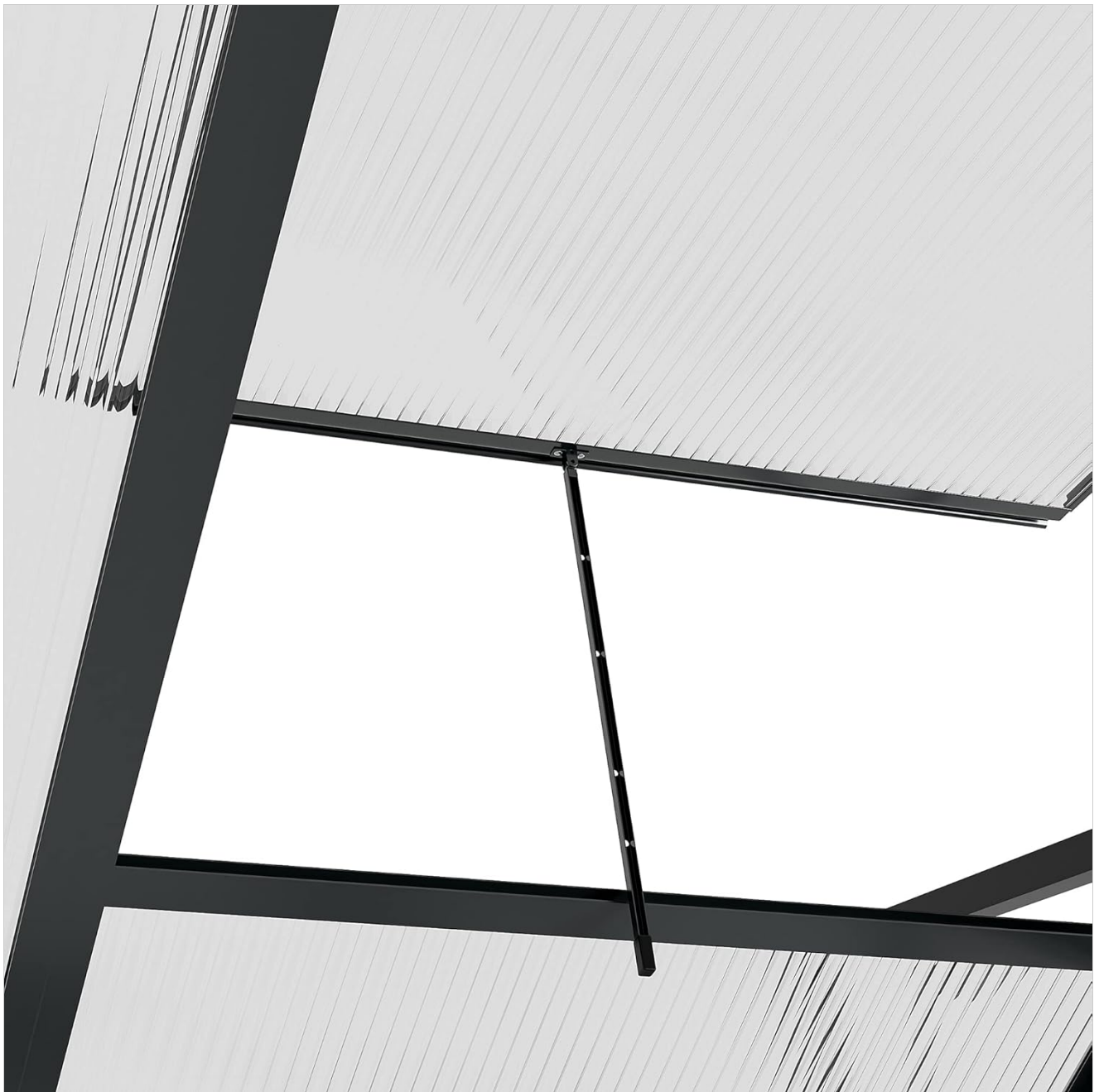








Figure 7: Detailed dimensions of the Outsunny 6' x 4' Polycarbonate Greenhouse.

## 8. WARRANTY & SUPPORT

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For warranty information, product support, or to inquire about replacement parts, please contact Outsunny customer service or refer to the documentation included with your purchase. You may also visit the official Outsunny website or contact your retailer for assistance.

Manufacturer: Aosom LLC

	<p><a href="#">Outsunny 845-057 Garden Greenhouse Assembly Manual   Installation Guide</a></p> <p>Comprehensive assembly and installation guide for the Outsunny 845-057 walk-in garden greenhouse. Features detailed part lists and step-by-step instructions for building your polycarbonate greenhouse.</p>
	<p><a href="#">Outsunny 6 x 2.5ft Polycarbonate Greenhouse Assembly Instructions</a></p> <p>Detailed assembly guide for the Outsunny 6 x 2.5ft Polycarbonate Greenhouse, featuring a walk-in design, rain gutter, sliding door, and window. Includes parts list and step-by-step instructions for assembly.</p>
	<p><a href="#">Outsunny 12' x 6' x 6.5' Polycarbonate Greenhouse Assembly Manual</a></p> <p>Detailed assembly instructions for the Outsunny 12' x 6' x 6.5' Polycarbonate Greenhouse. Includes parts list, step-by-step guidance, and tips for building your heavy-duty greenhouse with aluminum frame, adjustable roof vent, rain gutter, and sliding door.</p>
	<p><a href="#">Outsunny 845-233 Walk-in Greenhouse Assembly Instructions</a></p> <p>Comprehensive assembly guide for the Outsunny 845-233 walk-in greenhouse, detailing site preparation, component attachment, and essential securing procedures for stability.</p>
	<p><a href="#">Outsunny 845-539 Greenhouse Assembly Instructions and User Guide</a></p> <p>Comprehensive assembly instructions and user guide for the Outsunny 845-539 Polycarbonate Greenhouse. Learn how to assemble, maintain, and safely use your greenhouse.</p>
	<p><a href="#">Outsunny 845-058 6x6FT Greenhouse Operating Instructions</a></p> <p>Detailed operating and assembly instructions for the Outsunny 845-058 6x6FT Greenhouse. Includes safety precautions, parts list, and step-by-step assembly guide for building your garden greenhouse.</p>