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## Outsunny 84C-451V01LG

# Outsunny Carport Garage Tent Instruction Manual

Model: 84C-451V01LG

## 1. PRODUCT OVERVIEW

The Outsunny Carport Garage Tent (Model: 84C-451V01LG) is designed to provide reliable protection for vehicles such as cars, trucks, motorcycles, and bicycles, or to serve as a versatile storage solution for garden equipment, tools, and other items. Its robust construction features a galvanized steel frame and a durable, waterproof, and UV-resistant polyethylene (PE) cover. The design includes a large roll-up zippered door for easy access and two ventilation windows to ensure air circulation.



Figure 1: Side view of the Outsunny Carport Garage Tent.



Figure 2: The carport providing shelter for a vehicle.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before assembly and use. Failure to follow these instructions may result in injury or damage to the product.

- **Assembly:** Always assemble with at least two people. Ensure all connections are secure before use.
- **Anchoring:** Properly anchor the carport to the ground using the provided stakes and ropes to prevent wind damage.
- **Weather Conditions:** While the cover is waterproof and UV-resistant, extreme weather conditions such as heavy snow, strong winds, or severe storms may compromise the structure's integrity. Consider disassembling or reinforcing the carport during such conditions.
- **Clearance:** Maintain adequate clearance around the carport, especially from heat sources, open flames, and sharp objects.
- **Ventilation:** Ensure proper ventilation when storing vehicles or equipment that may emit fumes.
- **Inspection:** Regularly inspect the frame and cover for any signs of wear, damage, or loose connections.

Address any issues promptly.

### 3. PACKAGE CONTENTS

Verify that all components listed below are present before beginning assembly. If any parts are missing or damaged, contact customer service.

| Component              | Description                                    | Quantity                                       |
|------------------------|--|--|
| Galvanized Steel Tubes | Frame components for structural support.       | (Varies by section, refer to assembly diagram) |
| Connectors             | Joints for connecting steel tubes.             | (Varies by section, refer to assembly diagram) |
| PE Cover               | Main canopy, waterproof and UV-resistant.      | 1  |
| Front Door Panel       | Roll-up zippered door with ventilation window. | 1  |
| Rear Panel             | Rear end panel with ventilation window.        | 1  |
| Ground Stakes/Pegs     | For securing the frame to the ground.          | (Quantity as per design)                       |
| Tension Ropes/Cords    | For additional stability and cover tensioning. | 12   |
| Elastic Cords          | For securing the roll-up door and cover.       | (Quantity as per design)                       |

### 4. SETUP AND ASSEMBLY

Follow these steps carefully for proper assembly. It is recommended to have at least two people for this process.

- 1. Site Selection:** Choose a level, clear area for installation. Ensure adequate space around the carport for assembly and access.
- 2. Unpack Components:** Lay out all parts and verify against the package contents list.
- 3. Assemble the Frame:**
  - Connect the galvanized steel tubes according to the provided assembly diagram. Ensure all connections are firm and secure.
  - The frame is designed for enhanced resistance and long-term use.

# POSITION STABLE

Structure en acier galvanisé Ø 34 mm



Figure 3: Illustration of the galvanized steel frame and ground anchoring method. The frame uses 34mm diameter galvanized steel pipes for stability. Ground stakes are inserted into the foot holes, and extended edges of the cover are buried deeply into the soil for enhanced stability.



Figure 4: Detailed view of the galvanized steel frame connection and how the extended cover edges are secured with ground stakes.

#### 4. Install the Cover:

- Carefully drape the PE cover over the assembled frame. Ensure it is centered and evenly distributed.
- Attach the front and rear panels. The front panel features a large roll-up zippered door.
- Secure the cover to the frame using the tensioning system and elastic cords. This ensures the cover remains taut and provides optimal protection.



Figure 5: The cover tensioning system ensures the cover stays securely on the frame, offering better protection and a neat appearance.

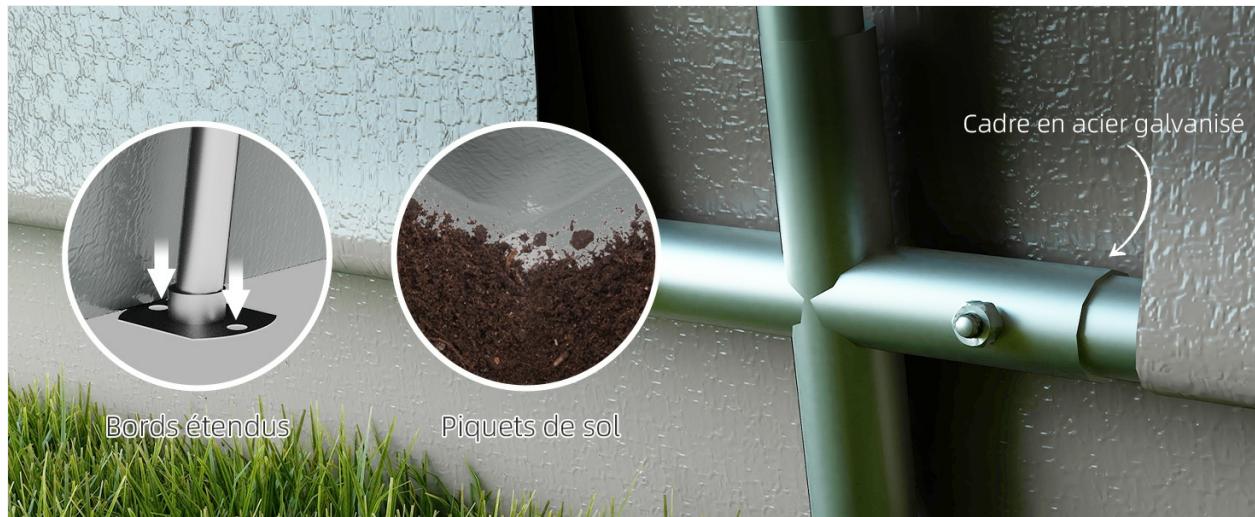


Figure 6: Key features including the zippered roll-up door, cover tension system, elastic cords for securing, and two roll-up ventilation windows.

##### 5. Anchor the Carport:

- Drive the ground stakes through the footplates of the frame into the soil.
- Utilize the 12 tension ropes to further secure the carport, especially in windy conditions.
- Bury the extended edges of the cover deeply into the soil to enhance stability and prevent wind from lifting the cover.

## 5. OPERATING INSTRUCTIONS

- **Accessing the Carport:** The front panel features a large zippered door that can be rolled up and secured with elastic cords for easy vehicle entry and exit.

## GRANDE PORTE ZIPPÉE

Facilite le déplacement des véhicules



Figure 7: The large zippered door facilitates vehicle movement and access.

- **Ventilation:** The carport is equipped with two ventilation windows, one on the front panel and one on the rear panel. These can be rolled up to allow air circulation, which helps prevent condensation and maintains air quality inside the shelter.

# DEUX FENÊTRES D'AÉRATION

Enroulement pour la circulation de l'air

Enroulement pour la résistance au vent



Figure 8: The two roll-up ventilation windows allow for air circulation and can be secured to resist wind.

- **Securing the Carport:** When not in use or during adverse weather, ensure the zippered door is fully closed and secured. Verify that all ground anchors and tension ropes are properly fastened.

## 6. MAINTENANCE

- **Cleaning the Cover:** Clean the PE cover periodically with mild soap and water. Avoid harsh chemicals or abrasive cleaners that could damage the material. Rinse thoroughly and allow to air dry completely before zipping up the door.
- **Frame Inspection:** Regularly check the galvanized steel frame for any signs of rust, bending, or loose connections. Tighten any bolts or connections as needed.
- **Cover Inspection:** Inspect the PE cover for tears, punctures, or excessive wear. Small tears can often be repaired with appropriate repair kits. Significant damage may require replacement of the cover.
- **Anchoring System:** Periodically check the ground stakes and tension ropes to ensure they are still securely anchored and taut. Re-tension ropes if they become loose.
- **Winter Care:** In areas with heavy snowfall, it is recommended to regularly remove snow accumulation from the roof to prevent structural collapse. Consider disassembling the carport for winter storage if heavy snow loads are anticipated.

## 7. TROUBLESHOOTING

| Problem                                   | Possible Cause  | Solution  |
|---|---|---|
| Carport unstable or swaying in wind.      | Insufficient anchoring; loose frame connections; extreme wind conditions. | Ensure all ground stakes are fully driven and tension ropes are taut. Verify all frame connections are secure. Consider additional anchoring methods in very windy areas. Disassemble during severe storms. |
| Water pooling on roof or leaking.         | Cover not taut enough; damage to cover; improper installation.            | Re-tension the cover to ensure a tight fit. Inspect the cover for tears or holes and repair if necessary. Ensure the carport is assembled on level ground.  |
| Difficulty opening/closing zippered door. | Zipper obstruction; cover tension too high/low; zipper damage.            | Check for debris in the zipper path. Adjust cover tension. If zipper is damaged, contact customer service for repair options.   |
| Condensation inside carport.              | Lack of ventilation; high humidity.                                       | Ensure ventilation windows are open when appropriate to allow air circulation.  |

## 8. SPECIFICATIONS

| Feature                        | Detail  |
|--------------------------------|---|
| Model Number                   | 84C-451V01LG                                      |
| Overall Dimensions (L x W x H) | 618 cm x 330 cm x 240 cm (6.18 m x 3.3 m x 2.4 m) |
| Frame Material                 | Galvanized Steel (Alloy Steel)                    |
| Cover Material                 | Polyethylene (PE) 150 g/m <sup>2</sup>            |
| Color                          | Light Grey  |
| Water Resistance Level         | Waterproof  |
| UV Protection                  | Yes (30%)   |
| Number of Tension Ropes        | 12  |
| Recommended Use                | Outdoor   |



Figure 9: Detailed dimensions of the carport: 6.18 m Length, 3.3 m Width, 2.4 m Height. The door opening is 2.65 m wide and 1.9 m high.

## 9. WARRANTY AND SUPPORT

Information regarding specific warranty terms for the Outsunny Carport Garage Tent (Model: 84C-451V01LG) is not provided in this manual. For warranty details, spare parts availability, or technical support, please contact Outsunny customer service or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

The product is sold by Aosom FRBE and fulfilled by a third party. For return policy, refer to the retailer's terms, which typically include a 30-day refund/replacement duration.