

Aoxun 12x20 FT

Aoxun 12x20 FT Metal Carport Instruction Manual

Model: 12x20 FT | Brand: Aoxun

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient assembly, operation, and maintenance of your Aoxun 12x20 FT Metal Carport. This heavy-duty carport canopy is designed to offer reliable protection for vehicles such as cars, trucks, SUVs, tractors, and boats, as well as serving as a versatile outdoor shelter.

Please read this manual thoroughly before beginning assembly or use to ensure proper installation and to maximize the lifespan of your product.

2. SAFETY INFORMATION

Important Safety Precautions:

- The carport must only be used on horizontal, level surfaces to ensure stability.
- Always follow the assembly instructions carefully to avoid potential hazards during installation.
- Avoid long-term use in extreme weather conditions such as strong winds and heavy snow. While designed to be wind and water-resistant, severe conditions can compromise structural integrity.
- Ensure all connections are securely fastened during assembly and regularly check for tightness during use.
- Keep children and pets away from the assembly area.
- Wear appropriate safety gear, including gloves and eye protection, during assembly.

3. SETUP AND ASSEMBLY

The Aoxun 12x20 FT Metal Carport is designed for straightforward assembly. The product will arrive in 3 packages. It is recommended that 2-3 people participate in the assembly process to ensure safety and efficiency.

3.1 Before You Begin

- **Site Preparation:** Select a horizontal and level surface for installation. Uneven ground can compromise the carport's stability.

- **Unpacking:** Carefully unpack all components and verify against the parts list provided in your separate detailed instruction manual. Report any missing or damaged parts immediately to customer support.
- **Tools Required:** Gather necessary tools, which typically include wrenches, a measuring tape, and a step ladder. An adjustable torque drill is recommended for fastening screws to prevent stripping, or consider using pop rivets for more secure connections if preferred.

3.2 Assembly Steps Overview

Refer to the detailed step-by-step instructions and numbered components included in your product packaging for precise assembly. The general process involves:

1. **Frame Construction:** Assemble the robust galvanized steel frame, ensuring all connections are tight. The frame features thickened steel tubes and triangular support reinforcement for enhanced stability.
2. **Roof Panel Installation:** Attach the vertical corrugated steel roof panels. These panels feature a waterproof sealing design and overlap securely to prevent leaks, providing protection against rain and wind.
3. **Base Reinforcement:** Secure the reinforced base design to the ground. Proper anchoring is crucial for stability, especially in areas prone to wind.

Note: Lifting and positioning the main structure will require at least 3 people at certain stages.

Easy Assembly

Number of installers: 2-3 people



Tips: Please Note That The Carport Must Be Installed On A Level Surface

Figure 3.2.1: Carport Assembly Diagram. This diagram illustrates the general assembly sequence, highlighting the need for multiple installers and a level installation surface.



Figure 3.2.2: Structural Reinforcements. Details of the triangular support, thickened steel tubes, and reinforced base for enhanced stability.

Easier Assembly Than Others

Load-bearing capacity: 50kg/m²



Figure 3.2.3: Roof Panel Assembly. Illustration of how roof panels overlap for a secure, waterproof seal.

4. OPERATING YOUR CARPORT

Your Aoxun Metal Carport provides a spacious and versatile shelter solution. It is primarily designed to protect vehicles from environmental elements and can also serve as a general outdoor canopy.

- **Vehicle Protection:** Park your car, truck, SUV, tractor, or boat under the carport to shield it from sun, rain, and light snow. The roof system is UV-resistant and waterproof.
- **Outdoor Shelter:** Utilize the carport as a shaded area for outdoor gatherings, temporary storage, or workspace.



Figure 4.1: Carport in Use. The carport providing protection for a vehicle in winter conditions.

Waterproof Sealing Steel Roof

Durable and strong, resistant to wind and pressure,
long-lasting performance



Figure 4.2: Waterproof Roof System. Close-up of the roof demonstrating its water-resistant properties.

5. MAINTENANCE

Regular maintenance will help prolong the life and ensure the continued safety of your Aoxun Metal Carport.

- **Routine Inspection:** Periodically inspect all bolts, screws, and connections to ensure they remain tight. Re-tighten as necessary.
- **Cleaning:** Clean the steel frame and roof panels with mild soap and water. Avoid abrasive cleaners or tools that could damage the galvanized finish or paint.
- **Debris Removal:** Regularly clear any accumulated leaves, branches, or other debris from the roof to prevent excessive load and potential damage.
- **Snow Load:** While the structure can withstand a roof load of 50 kg/m², it is advisable to remove heavy snow accumulation promptly to prevent structural stress, especially during prolonged periods of heavy snowfall.
- **Extreme Weather:** In anticipation of severe weather conditions (e.g., hurricanes, blizzards, extreme winds), consider temporary disassembly or additional anchoring measures to prevent damage.

6. TROUBLESHOOTING

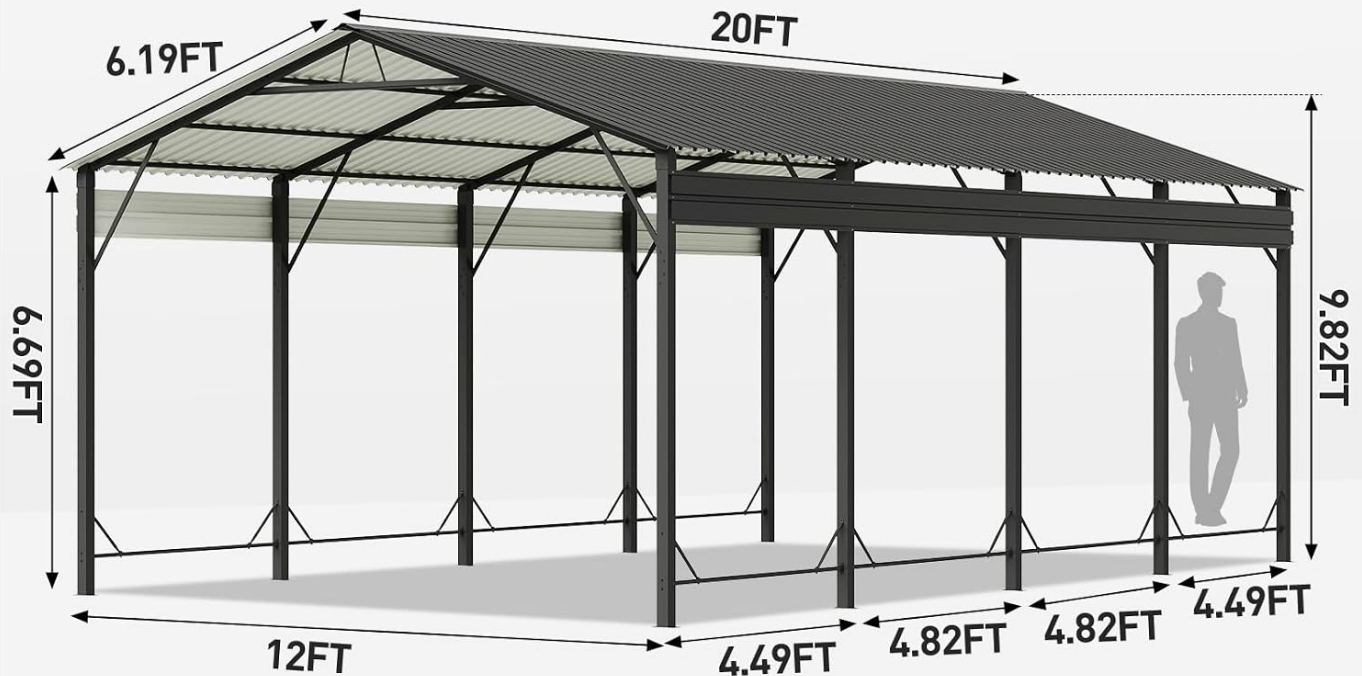
This section addresses common issues you might encounter during assembly or use.

Problem	Possible Cause	Solution
Assembly is difficult or time-consuming.	Complex instructions, many parts, or insufficient personnel.	Review the detailed instruction manual carefully. Ensure 2-3 people are assisting. Take breaks as needed.
Screws strip easily during fastening.	Over-tightening or using an unsuitable drill.	Use an adjustable torque drill set to a low setting. Alternatively, consider using pop rivets for more secure connections.
Carport feels unstable after assembly.	Not installed on a level surface, loose connections, or inadequate anchoring.	Verify the installation surface is perfectly level. Re-check and tighten all bolts and screws. Ensure the reinforced base is properly anchored to the ground according to local conditions.
Missing or damaged parts.	Shipping damage or packaging error.	Do not proceed with assembly. Contact Aoxun customer support immediately with your product model and a description of the issue.

7. SPECIFICATIONS

Feature	Detail
Brand	Aoxun
Model	12x20 FT Metal Carport
Material	Alloy Steel (Galvanized)
Color	Black
Style	Industrial
Item Weight	271 Pounds
Water Resistance Level	Waterproof
Ultraviolet Light Protection	UV resistant
Assembly Required	Yes
Number of Packages	3
Floor Area	240 Square Feet
Roof Load Capacity	50 kg/m²

Product Dimensions



3 packages

The packages may arrive at different times. Please wait patiently.

Figure 7.1: Product Dimensions. Visual representation of the carport's overall dimensions.

8. WARRANTY INFORMATION

Specific warranty details for your Aoxun Metal Carport are typically provided with the product packaging or can be obtained directly from the manufacturer. Please refer to the documentation included with your purchase for comprehensive warranty terms and conditions.

9. CUSTOMER SUPPORT

Should you require any assistance with assembly, parts, or general inquiries regarding your Aoxun Metal Carport, please do not hesitate to contact our customer support team. We are committed to providing helpful and timely support.

Contact Information:

- Refer to your product packaging or the official Aoxun website for the most current contact details.
- When contacting support, please have your product model (12x20 FT Metal Carport) and ASIN (B0G1Y2KMFV)

ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question