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> AECOJOY 11'x23' Metal Carport with Storage Shed Instruction Manual

## AECOJOY 16236DG

# AECOJOY 11'x23' Metal Carport with Storage Shed Instruction Manual

Model: 16236DG

## 1. INTRODUCTION AND OVERVIEW

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This manual provides essential information for the safe and effective assembly, operation, and maintenance of your AECOJOY 11'x23' Metal Carport with Storage Shed. This versatile structure is designed to provide shelter for vehicles and offer integrated storage for outdoor equipment, functioning also as a multi-purpose outdoor space.

Key features include a durable galvanized steel construction, robust weather resistance against snow and wind, and a convenient 72 sq. ft. integrated storage shed.



*Image: An aerial view of the AECOJOY 11'x23' Metal Carport with Storage Shed, showcasing its overall design and size.*

## 2. SAFETY INFORMATION

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Read all instructions carefully 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. Wear appropriate safety gear, including gloves and eye protection. Ensure the assembly area is clear of obstructions.
- **Anchoring:** Securely anchor the carport to a stable, level surface to prevent movement or collapse due to wind. Consult local building codes for specific anchoring requirements.
- **Snow Load:** The structure is designed to withstand snow loads up to 15 psf (approximately 20 inches of accumulated snow). For optimal safety and product longevity, timely removal of heavy snow accumulation from the roof is recommended.
- **Wind Resistance:** The carport is built to endure winds up to 70 MPH. However, in extreme weather conditions, additional precautions may be necessary.
- **Clearance:** Maintain adequate clearance around the carport and shed for safe access and to prevent damage from

surrounding objects.

- **Children and Pets:** Keep children and pets away from the assembly area. Do not allow children to play unsupervised around or inside the carport.

### 3. PACKAGE CONTENTS

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Before beginning assembly, carefully unpack all components and verify that all parts listed in the included parts list are present and undamaged. If any parts are missing or damaged, do not proceed with assembly. Contact customer support immediately.

*Refer to the separate parts list diagram provided in your physical instruction manual for a complete inventory of components.*

### 4. SETUP AND INSTALLATION

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Detailed, step-by-step instructions are provided in the separate assembly guide included with your product. Follow these instructions precisely for proper installation.

1. **Site Preparation:** Choose a level, stable, and well-drained location for your carport. Ensure adequate space for assembly and future use.
2. **Foundation:** A concrete slab or a properly prepared gravel base is recommended for optimal stability and longevity.
3. **Assembly Steps:** Follow the numbered steps in the assembly guide. Pay close attention to diagrams and part numbers. Do not overtighten fasteners until instructed.
4. **Anchoring:** Once the structure is assembled, ensure it is securely anchored to the ground using appropriate hardware for your chosen foundation.



Image: The carport section sheltering a yellow pickup truck, with the integrated storage shed visible on the left, organized with tools and equipment.

## 5. OPERATING INSTRUCTIONS

Your AECOJOY carport and storage shed are designed for versatile use.

- **Vehicle Protection:** Park your vehicle (car, RV, pickup truck) under the carport for protection from sun, rain, and snow.
- **Storage Shed Use:** Utilize the integrated 72 sq. ft. storage shed for organizing outdoor equipment, tools, and other items. The shed features a smooth-glide locking door for secure access.
- **Outdoor Retreat:** The carport can also serve as a gazebo or an extended outdoor living space for gatherings, barbecues, or relaxation, providing shelter from various weather conditions.

**More than a carport  
it's an outdoor retreat with storage space.**



*Image: The carport configured as an outdoor dining area with a table, chairs, and a grill, demonstrating its versatility as a gazebo.*



Image: A close-up view of the storage shed, highlighting its interior space and the smooth-glide locking door mechanism.

## 6. MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your carport and shed.

- **Cleaning:** Clean the galvanized steel surfaces periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Snow Removal:** During winter, promptly remove heavy snow accumulation from the roof to prevent excessive load and potential damage.
- **Inspection:** Periodically inspect all bolts, screws, and anchors to ensure they are tight and secure. Check for any signs of rust, damage, or wear on the frame and panels. Address any issues promptly.
- **Drainage:** Ensure that the area around the carport has proper drainage to prevent water accumulation around the base.



*Image: The carport and shed covered in a layer of snow, illustrating the need for snow removal during winter conditions.*

## 7. TROUBLESHOOTING

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If you encounter any issues with your AECOJOY carport and shed, refer to the following general troubleshooting tips:

- **Stability Issues:** Ensure all anchor points are securely fastened to the ground. Verify that the structure is assembled on a level surface. Re-check all frame connections for tightness.
- **Panel Gaps/Leaks:** Inspect panel overlaps and sealing. Ensure all screws are properly tightened.
- **Door Operation:** If the shed door is not gliding smoothly, check the tracks for obstructions or debris. Ensure the door is properly aligned.
- **Missing Parts:** If you discover missing parts during assembly, do not attempt to substitute. Contact customer support for replacements.

For further assistance, please contact AECOJOY customer support.

## 8. SPECIFICATIONS

Attribute	Detail
Brand	AECOJOY
Model Number	16236DG
Material	Alloy Steel, Galvanized Steel
Frame Material	Alloy Steel
Color	Dark Grey
Item Weight	362.7 Pounds
Product Dimensions (L x W x H)	276"L x 135.8"W x 89"H (Overall)
Size	11'x23'
Floor Area	260 Square Feet (Total)
Storage Shed Area	Approximately 72 Square Feet
Ultraviolet Light Protection	Sunproof
Water Resistance Level	Waterproof
Required Assembly	Yes
Snow Load Capacity	Up to 15 psf (equivalent to 20 inches of snow)
Wind Resistance	Up to 70 MPH

# DIMENSIONS

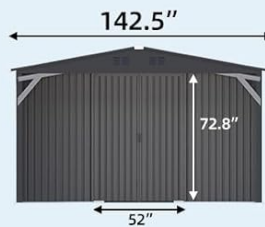


Image: A technical diagram illustrating the overall dimensions and key measurements of the carport and integrated storage shed.

## 9. WARRANTY AND SUPPORT

AECOJOY provides comprehensive support for your product.

- **Warranty:** Your purchase includes a full-year support period.
- **Customer Care:** Dedicated customer care is available around the clock to assist with any questions or issues you may encounter.
- **Contact Information:** For assistance, please refer to the contact details provided on your product packaging or visit the official AECOJOY website.

