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Garvee MPG_34HP8LFSJ

Garvee 20x25ft Carport User Manual

Model: MPG_34HP8LFSJ

1. Introduction

Thank you for choosing the Garvee 20x25ft Carport. This manual provides essential information for the safe assembly, operation, and maintenance of your new carport. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

2. Safety Information

Important Safety Precautions:

- Please check all parts before assembly and follow the instruction manual carefully.
- A drill and ladder are recommended to help installation.
- Install the carport on a flat and stable surface for best performance.
- Do not assemble in high winds or severe weather conditions.
- Ensure all connections are secure before use.
- Keep children and pets away from the assembly area.
- Wear appropriate safety gear, such as gloves, during assembly.

3. Package Contents

Your Garvee 20x25ft Carport is shipped in 7 separate reinforced boxes. Please verify that all components are present and undamaged before beginning assembly. Refer to the detailed parts list included in your shipment for specific component identification.

Image: Overview of carport dimensions and included accessories.

Key Components Included:

- Heavy-duty steel frame components

- Color steel roof panels
- Waterproof PE sidewalls (detachable)
- Solar-powered motion sensor light
- Assembly hardware (bolts, nuts, etc.)
- Gloves (1 pair)
- Hooks (4 units)
- Aprons (10 units)
- Detailed instruction manual

4. Setup and Assembly Instructions

Assembly of the Garvee Carport requires at least 3 individuals and basic tools. We recommend preparing an electric drill and a ladder before starting. Follow the numbered steps in the included detailed manual for precise assembly.



Image: Visual guide to required tools and key assembly steps.

4.1. Site Preparation

- Choose a flat, level, and stable surface for installation.
- Clear the area of any debris, rocks, or obstructions.
- Ensure adequate space around the carport for assembly and future use.

4.2. Frame Assembly

1. Unpack all components and organize them according to the parts list.
2. Begin by assembling the **Bottom Frame** sections as per the manual's diagrams.
3. Connect the vertical support posts to the base frame.
4. Assemble the **Top Frame** sections, ensuring all connections are secure.
5. Carefully lift and attach the top frame to the vertical supports.
6. **Drive in Screws** at all designated connection points using an electric drill. Do not overtighten.
7. Ensure the frame is square and level before proceeding.

4.3. Roof Panel Installation

1. Carefully place the color steel roof panels onto the frame, starting from one end.
2. Overlap panels as instructed to ensure a waterproof seal.
3. Secure each panel to the frame using the provided fasteners.
4. Ensure all roof panels are firmly attached and sealed.

4.4. Sidewall and Accessory Installation

1. Attach the waterproof PE sidewalls to the frame using the provided clips or ties. Ensure they are securely fastened.
2. **Hang on LED Light**: Install the solar-powered motion sensor light in the desired location within the carport, ensuring it has access to sunlight for charging.
3. **Hang on 4 Hooks**: Attach the provided hooks to the frame as needed for storage or organization.
4. Perform a final check of all bolts, screws, and connections to ensure they are tight and secure.

5. Operating Instructions

5.1. Solar Motion Sensor Light

- The solar light charges during the day and automatically activates at night when motion is detected.
- Ensure the solar panel is clean and unobstructed to maximize charging efficiency.
- No manual operation is typically required for standard motion-sensing functionality.

5.2. Detachable Sidewalls

- The PE sidewalls can be easily attached or detached as needed for varying weather conditions or usage requirements.
- To attach, align the sidewall with the frame and secure it using the integrated fasteners (e.g., Velcro straps, clips, or ties).
- To detach, simply unfasten the sidewalls from the frame. Store them in a dry, protected area when not in use.

6. Maintenance

Regular maintenance will extend the lifespan of your Garvee Carport.

- **Cleaning:** Periodically clean the roof panels and sidewalls with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the materials.
- **Frame Inspection:** Annually inspect the steel frame for any signs of rust, damage, or loose connections. Tighten any loose bolts.
- **Sidewall Care:** If sidewalls are detached, clean them before storage and ensure they are completely dry to prevent mold or mildew. Store them folded neatly in a cool, dry place.
- **Snow Removal:** In areas with heavy snowfall, regularly remove accumulated snow from the roof to prevent excessive load, even though the carport is rated for 160 PSF snow loads.
- **Solar Light:** Keep the solar panel clean for optimal charging.



Image: Carport demonstrating resilience in snowy conditions, highlighting load capacities.



Image: Diagram illustrating enhanced features for weather resistance and stability.

7. Troubleshooting

Problem	Possible Cause	Solution
Carport feels unstable or wobbly.	Loose connections; uneven ground; insufficient anchoring.	Ensure all bolts are tightened. Verify installation on a flat, stable surface. Check ground anchors.
Solar light not working at night.	Insufficient charging; solar panel is dirty or obstructed; battery issue.	Ensure solar panel receives direct sunlight for several hours. Clean the solar panel. Check for any internal switch or battery compartment.

Problem	Possible Cause	Solution
Water leakage from roof.	Improper panel overlap; loose fasteners; damaged panel.	Inspect roof panel overlaps and ensure they are correctly sealed. Tighten fasteners. Check for any damage to panels.
Sidewalls not staying attached.	Damaged fasteners; strong winds.	Inspect and replace any damaged clips or ties. Ensure all fasteners are securely attached. Consider additional anchoring in very windy conditions.

8. Specifications

Feature	Detail
Brand	Garvee
Model Number	MPG_34HP8LFSJ
Dimensions (L x W x H)	289.37"L x 235.83"W x 110.24"H
Floor Area	500 sq. ft.
Material	Metal (Frame), Color Steel (Roof), PE (Sidewalls)
Color	Dark Gray Top, White Sidewalls
Item Weight	702 pounds
Wind Resistance	Rated for 140 MPH winds
Snow Load Capacity	Rated for 160 PSF snow loads
Water Resistance Level	Water Repellent
UV Protection	Yes
Special Features	Solar Lights, Detachable Sidewalls
UPC	881206198872

Image: Carport structure highlighting its UV protection capabilities.

9. Warranty Information

Specific warranty details for the Garvee 20x25ft Carport are not provided in this manual. Please refer to the product packaging, any included warranty cards, or contact Garvee customer support directly for information regarding warranty coverage and terms.

10. Customer Support

If you have any questions, require assistance with assembly, or encounter any issues with your Garvee Carport, please contact the retailer or manufacturer's customer support. Have your model number (MPG_34HP8LFSJ) and purchase details ready for faster service.

For more information, you may visit the official Garvee store:Garvee Store on Amazon

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