

VEVOR PA600

VEVOR PA600 Electric Hoist User Manual

Model: PA600 | Brand: VEVOR

[Safety Instructions](#)

[Product Overview](#)

[Specifications](#)

[Setup](#)

[Operating Instructions](#)

[Maintenance](#)

[Troubleshooting](#)

[Warranty & Support](#)

1. SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating the VEVOR PA600 Electric Hoist. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings

- **Maximum Load Capacity:** Do not exceed the rated load capacity. For single-line lift, the maximum capacity is 660 lbs (300 kg). For double-line lift using the pulley, the maximum capacity is 1320 lbs (600 kg).
- **Secure Installation:** Ensure the hoist is securely mounted to a ceiling or beam using appropriate mounting brackets and hardware capable of supporting the maximum load.
- **Emergency Stop:** The hoist is equipped with an emergency stop button on both the wired and wireless remote controls. Familiarize yourself with its location and function. In case of emergency, press the red emergency stop button immediately.
- **Cable Inspection:** Regularly inspect the steel wire rope for any signs of wear, fraying, kinks, or damage. Replace the cable if any damage is observed.
- **Hook Safety:** Ensure the high-strength metal hook is properly engaged and secured before lifting. Do not use damaged or deformed hooks.
- **Overheating Protection:** The powerful motor includes a large cooling fan to prevent overheating. However, avoid continuous operation under maximum load for extended periods.
- **Clearance:** Maintain a safe distance from the load during operation. Ensure the lifting path is clear of obstructions.
- **Power Supply:** Connect the hoist to a 120V, 60Hz power supply. Ensure the power cord is in good condition and free from damage.

2. PRODUCT OVERVIEW

The VEVOR PA600 Electric Hoist is a robust and versatile lifting solution designed for various applications in garages, workshops, warehouses, and factories. It features a durable construction and dual control options for enhanced safety and convenience.

Key Features:

- **Wired & Wireless Control:** Equipped with a 14 ft wired remote control and a wireless remote control with a range of up to 328 ft, offering flexibility and safety during operation. Both controls include an emergency stop button.
- **Two Modes of Operation:** Supports both single-line and double-line lifting configurations to adapt to different load requirements.
- **Powerful Motor:** A 900W high-quality copper motor provides strong lifting power and is equipped with a large cooling fan to prevent overheating during prolonged use.
- **Durable Construction:** Features an anti-deformation steel frame, a 19-strand thickened steel wire rope, and high-strength metal hooks for secure and stable lifting.
- **Easy Installation:** Designed for straightforward overhead installation on ceilings or beams using the provided mounting brackets.

Components Included:

The package includes the electric hoist unit, wired remote control, wireless remote control, a dual-line pulley hook, lifting slings, and mounting hardware.



Image: All components of the VEVOR PA600 Electric Hoist, including the main unit, wired and wireless remote controls, lifting slings, and pulley hook, are displayed on a surface.

3. SPECIFICATIONS

| Feature | Specification |
|------------------------------|-------------------|
| Model Number | PA600 |
| Manufacturer | VEVOR |
| Single-line Lifting Capacity | 660 lbs (300 kg) |
| Double-line Lifting Capacity | 1320 lbs (600 kg) |

| | |
|----------------------------|---|
| Single-line Lifting Height | 40 ft |
| Double-line Lifting Height | 20 ft |
| Single-line Lifting Speed | 27.6 ft/min |
| Double-line Lifting Speed | 13.8 ft/min |
| Rated Power | 900 W |
| Voltage | 120V~, 60Hz |
| Item Weight | 36.2 lbs (16.4 kg) |
| Product Dimensions | 15.35 x 5.51 x 9.45 inches (390 x 140 x 240 mm) |
| Power Cord Length | 160 cm / 5.25 ft |
| Remote Control Cord Length | 430 cm / 14.1 ft (Wired) |
| Wireless Remote Range | Up to 328 ft |
| Included Accessories | 1m Metal Ring Lifting Sling (max load 2T) x 1, 4m Lifting Sling (max load 2T) x 1, Dual-line Pulley Hook x 1, AAA Battery x 2 |

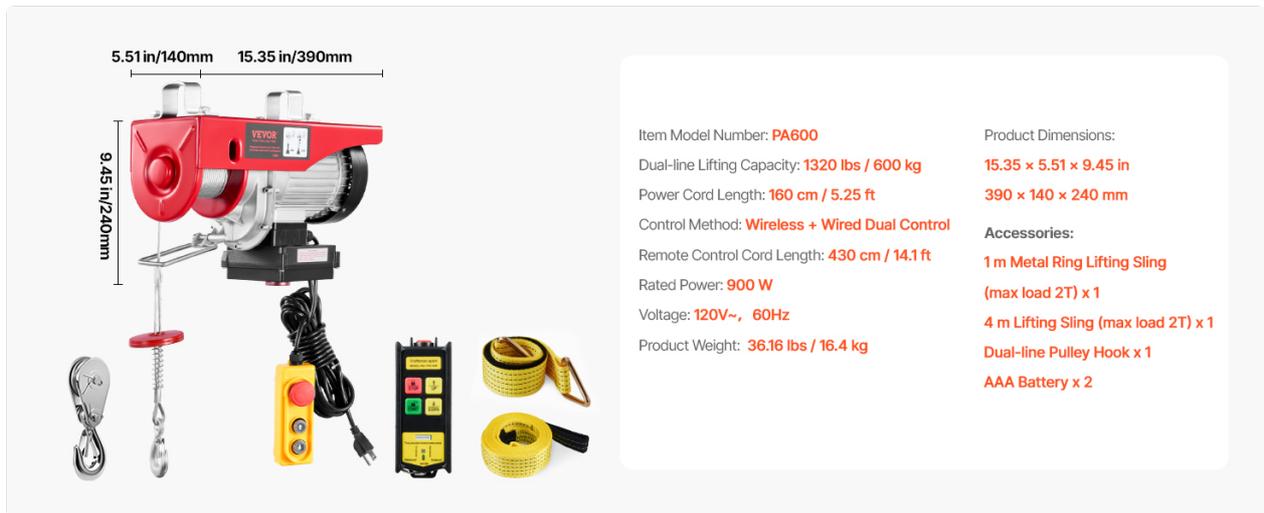


Image: Detailed diagram showing the dimensions of the VEVOR PA600 Electric Hoist and a list of included accessories.

4. SETUP

Mounting the Hoist

The VEVOR PA600 Electric Hoist is designed for easy overhead installation. Follow these steps for secure mounting:

1. **Select Location:** Choose a sturdy ceiling or beam capable of supporting at least double the maximum load capacity of the hoist (2640 lbs / 1200 kg).
2. **Attach Brackets:** Use the provided mounting brackets and appropriate bolts/nuts to securely fasten the hoist to the chosen structure. Ensure all fasteners are tightened to prevent movement.
3. **Connect Power:** Plug the hoist into a standard 120V, 60Hz power outlet.



Image: A visual guide demonstrating the two-step process for hanging the VEVOR Electric Hoist using mounting brackets.

Configuring for Single-Line or Double-Line Lift

The hoist can be configured for different lifting capacities and heights:

- **Single-Line Mode (660 lbs / 40 ft):** For lighter loads and maximum lifting height, use the cable directly with the main hook.
- **Double-Line Mode (1320 lbs / 20 ft):** For heavier loads, attach the dual-line pulley hook to the main hook. Then, loop the steel wire rope through the pulley and secure the end of the rope back to the hoist's frame. This configuration doubles the lifting capacity but halves the lifting height and speed.



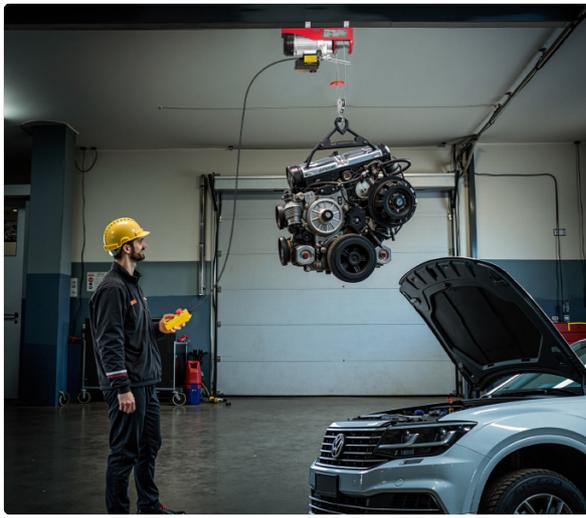
Image: An illustration comparing the single-line mode (660 lbs capacity, 40 ft height) and dual-line mode (1320 lbs capacity, 20 ft height) for the VEVOR Electric Hoist.

5. OPERATING INSTRUCTIONS

The VEVOR PA600 Electric Hoist offers both wired and wireless remote control options for convenient and safe operation.

Using the Remote Controls

- **Wired Remote Control:** The 14 ft wired remote allows direct control of the hoist. It features 'Up' and 'Down' buttons and a prominent red emergency stop button.
- **Wireless Remote Control:** The wireless remote provides greater flexibility, allowing operation from up to 328 ft away. It also includes 'Up', 'Down', 'Start', 'Stop' buttons, and an emergency stop function.
- **Emergency Stop:** Press the red emergency stop button on either remote to immediately halt all hoist operations. To resume, twist the button to release it, then press the 'Start' button (on wireless remote) or the 'Up'/'Down' button (on wired remote).



Easy Control, Precise and Safe

Emergency Switch on Both Control Modes



14 Ft Wired Remote Control



328 Ft Wireless Remote Control

Image: A comparison of the wired and wireless remote controls, highlighting their buttons and emergency stop features.

Lifting Operations

1. **Attach Load:** Securely attach the item to be lifted to the hoist hook(s) using appropriate lifting slings or chains.
2. **Clear Area:** Ensure the area around the load and along its lifting path is clear of personnel and obstructions.
3. **Lift:** Use the 'Up' button on your chosen remote control to slowly raise the load. Monitor the load and hoist for any issues.
4. **Lower:** Use the 'Down' button to slowly lower the load to the desired position.
5. **Automatic Stop:** The hoist features an automatic stop mechanism that activates when the hook reaches its uppermost limit, preventing damage from over-winding.

Video Demonstration: VEVOR Electric Hoist Overview

Your browser does not support the video tag.

Video: An official VEVOR video demonstrating the general operation and features of the electric hoist, including its lifting capabilities and control options.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VEVOR PA600 Electric Hoist.

- **Routine Inspection:** Before each use, visually inspect the hoist, especially the steel wire rope, hooks, and mounting points, for any signs of wear, damage, or corrosion.
- **Cleanliness:** Keep the hoist clean and free from dust, dirt, and debris. Use a dry cloth to wipe down the exterior.
- **Lubrication:** Periodically check and lubricate moving parts as recommended in the detailed product manual (not provided in this summary).
- **Cable Replacement:** Replace the steel wire rope immediately if it shows signs of severe wear, fraying, kinking, or any other damage that could compromise its integrity.
- **Motor Cooling:** Ensure the cooling fan on the motor is free from obstructions to allow for efficient heat dissipation.

7. TROUBLESHOOTING

If you encounter issues with your VEVOR PA600 Electric Hoist, refer to the following general troubleshooting tips. For detailed solutions, consult the complete product manual.

- **Hoist Not Responding:**

- Check if the power cord is securely plugged in.
- Ensure the emergency stop button is not engaged. Release it by twisting if necessary.
- Verify that the power supply is active.
- For wireless remote, check battery levels and ensure it's paired correctly.

- **Motor Overheating:**

- Reduce the load if operating near maximum capacity.
- Allow the hoist to cool down.
- Ensure the cooling fan is not obstructed.

- **Unusual Noises or Vibrations:**

- Stop operation immediately.
- Inspect the hoist, cable, and hooks for any visible damage or loose components.
- Do not resume operation until the cause is identified and rectified.

8. WARRANTY & SUPPORT

VEVOR provides technical support and an E-Warranty Certificate for its products.

- **E-Warranty Certificate:** To register your product and access warranty information, please visit www.vevor.com/support.
- **Technical Support:** For any technical assistance or inquiries not covered in this manual, please refer to the contact information provided on your product packaging or the VEVOR official website.