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› Anbull Electric Winch 13500 LBS User Manual

Anbull 13500LBS

Anbull Electric Winch 13500 LBS User Manual

Model: 13500LBS

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe operation, installation, and maintenance of your Anbull Electric Winch 13500 LBS. Read all instructions carefully before using the winch to prevent injury or damage to the product. Keep this manual for future reference.

General Safety Warnings:

- Always wear appropriate personal protective equipment, including gloves and eye protection, when operating the winch.
- Never exceed the rated capacity of the winch (13500 LBS / 6136 kg).
- Ensure the vehicle's engine is running during winching operations to maintain battery charge.
- Keep hands and clothing clear of the rope, hook, and fairlead during operation.
- Inspect the synthetic rope and all components for damage before each use. Do not use if damaged.
- Avoid prolonged high-load operation to prevent overheating. Allow the winch to cool down between heavy pulls.
- Never disconnect the clutch under load.
- Ensure the anchor point is secure and capable of withstanding the winching force.

2. PRODUCT OVERVIEW

The Anbull Electric Winch 13500 LBS is a powerful and reliable recovery tool designed for various applications, including ATVs, SUVs, trucks, and boat trailers. It features a robust motor, durable synthetic rope, and an IP67 waterproof rating.

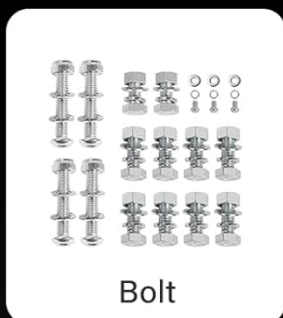
Key Features:

- **High Capacity:** 13500 LBS (6136 kg) maximum line pull.
- **Powerful Motor:** 12V, 6.6 HP / 4.85 kW pure copper motor for efficient operation.
- **Synthetic Rope:** 9.5 mm x 26 m nylon rope, offering superior strength, lighter weight, and resistance to rust and wear compared to steel rope.

- **Durable Gear System:** Three-stage planetary gear with a 265:1 ratio and freewheel clutch for smooth and stable operation.
- **Waterproof Design:** IP67 rating ensures resistance to dirt, dust, and water, suitable for demanding environments.
- **Remote Control Options:** Includes one wired manual remote control and two wireless remote controls with a 30m range.
- **Versatile Compatibility:** Suitable for quad bikes, SUVs, trucks, boat trailers, UTVs, and Jeeps.

Components Included:

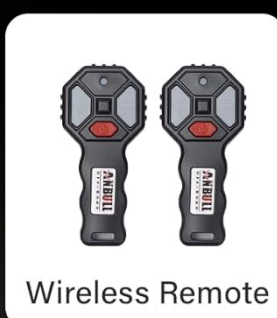
- Anbull Electric Winch Unit
- Wired Remote Control
- 2x Wireless Remote Controls
- Power Cables/Wire
- Alloy Hawse Fairlead
- Heavy Duty Hook
- Mounting Bolts and Hardware



Bolt



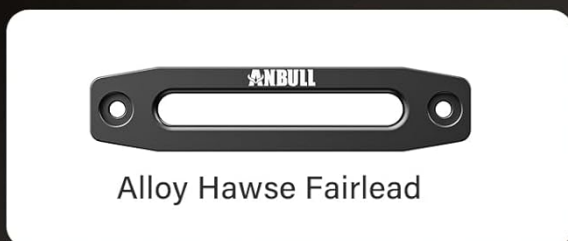
Wired Remote



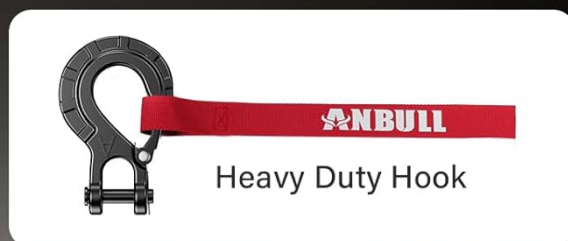
Wireless Remote



Wire



Alloy Hawse Fairlead



Heavy Duty Hook



Image: Overview of the Anbull Electric Winch and its included components, such as the winch unit, wired remote, wireless remotes, power cables, alloy hawse fairlead, heavy-duty hook, and mounting bolts.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your winch. If you are unsure about any step, it is recommended to seek professional assistance for installation, especially for electrical connections.

Mounting the Winch:

1. Select a suitable mounting location on your vehicle or trailer that can support the winch's weight and pulling forces. A strong, flat surface is required.
2. Use the provided mounting bolts and hardware to securely fasten the winch to the mounting surface. Ensure all bolts are tightened to the manufacturer's specifications.
3. Install the alloy hawse fairlead, ensuring it is properly aligned with the winch drum and the rope path.

Electrical Connections:

1. The winch requires a 12V power supply. Connect it directly to a vehicle's 12V battery or a dedicated 400-500A battery.
2. Ensure all electrical connections are clean, tight, and free from corrosion. Use appropriate terminals and insulation.
3. Connect the positive (+) cable from the winch to the positive (+) terminal of the battery.
4. Connect the negative (-) cable from the winch to the negative (-) terminal of the battery or a suitable chassis ground point.
5. Verify that all wiring is routed away from moving parts, sharp edges, and heat sources.

Hard-core power, ready to explode

1980RPM



12V | 6.6HP | 1980RPM



Longer Life

Made with pure copper for durability



Smooth Operation

3-stage planetary gear system for stability



Heat Resistant

Designed to handle tough conditions

Image: Detailed view of the Anbull Electric Winch, highlighting its internal components and robust construction, emphasizing features like longer life, smooth operation, and heat resistance.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the winch controls and operating procedures before attempting any recovery operation.

Pre-Operation Checklist:

- Ensure the winch is securely mounted and all electrical connections are tight.
- Inspect the synthetic rope for frays, cuts, or kinks.
- Check the hook and fairlead for damage.
- Confirm the vehicle's battery is adequately charged.

Engaging/Disengaging the Clutch:

- To disengage the clutch (freewheel), turn the clutch lever to the 'FREE SPOOL' position. This allows the rope to be pulled out manually.

- To engage the clutch, turn the clutch lever to the 'ENGAGED' position. This connects the winch drum to the motor for powered operation.
- **Important:** Never disengage the clutch when the winch is under load.

Using the Remote Controls:

The winch comes with one wired remote and two wireless remotes. The wireless remotes have a range of up to 30 meters.

1. Connect the wired remote to the control box if using it.
2. For wireless remotes, ensure batteries are installed (AM4 1.5V).
3. Press the 'IN' button to reel in the synthetic rope.
4. Press the 'OUT' button to pay out the synthetic rope.
5. Always operate the winch from a safe distance, clear of the rope and load.




Image: The Anbull Electric Winch shown mounted on a boat trailer, with both the wired and wireless remote controls displayed, illustrating their use for controlling the winch.

Winching Procedure:

1. Engage the clutch.
2. Connect the hook securely to a strong anchor point.
3. Ensure the rope is spooled evenly on the drum.
4. Begin winching using the remote control. Operate in short bursts to avoid overheating.
5. Monitor the rope and load throughout the operation.
6. Once the recovery is complete, release tension, disconnect the hook, and carefully respool the rope.

Power at Your Command For **ATV UTV Jeep Truck**



**Nylon Rope
9.5 mm x 26 mm**



Wear-resistant **IP67 waterproof** **Corrosion-resistant**

Image: The Anbull Electric Winch mounted on the front of an ATV/UTV, demonstrating its use in challenging snowy terrain. The image highlights the synthetic nylon rope and its wear-resistant, IP67 waterproof, and corrosion-resistant properties.

OVER **35%** STRETCH AND DUCTILITY



CAR



SUV



JEEP



PICKUP



TRUCK



CVARGO
VAN

Image: The Anbull Electric Winch in action, pulling a vehicle. This image emphasizes the synthetic rope's over 35% stretch and ductility, and the winch's compatibility with various vehicles like cars, SUVs, Jeeps, pickups, trucks, and vans.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Anbull Electric Winch.

- **Rope Inspection:** Regularly inspect the synthetic rope for any signs of wear, fraying, cuts, or damage. Replace the rope immediately if any damage is found.
- **Electrical Connections:** Periodically check all electrical connections for tightness and corrosion. Clean terminals as needed.
- **General Cleaning:** After use, especially in harsh conditions, clean the winch housing and components with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Consult a professional for internal lubrication if necessary. Do not attempt to disassemble the winch without proper knowledge.
- **Storage:** When not in use, store the winch in a clean, dry environment.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Anbull Electric Winch.

Common Issues and Solutions:

- **Winch does not operate:**
 - Check all electrical connections for tightness and corrosion.
 - Ensure the vehicle's battery is charged and providing sufficient power (12V).
 - Verify the clutch is fully engaged.
 - If using a wireless remote, check its batteries (AM4 1.5V) and replace if necessary.
- **Winch operates slowly or with reduced power:**
 - The battery may be low. Run the vehicle's engine to charge the battery.
 - The winch may be overheating. Allow it to cool down.
 - Check for excessive load or resistance. Ensure the rope is not binding.
- **Remote control malfunction:**
 - For wireless remotes, replace the AM4 1.5V batteries.
 - Ensure the wired remote is securely connected to the control box.
 - If issues persist, contact customer support for a replacement remote.
- **Rope tangles or spools unevenly:**
 - Always guide the rope evenly onto the drum during retrieval.
 - Avoid side pulls that can cause uneven spooling.

7. SPECIFICATIONS

Detailed technical specifications for the Anbull Electric Winch 13500 LBS.

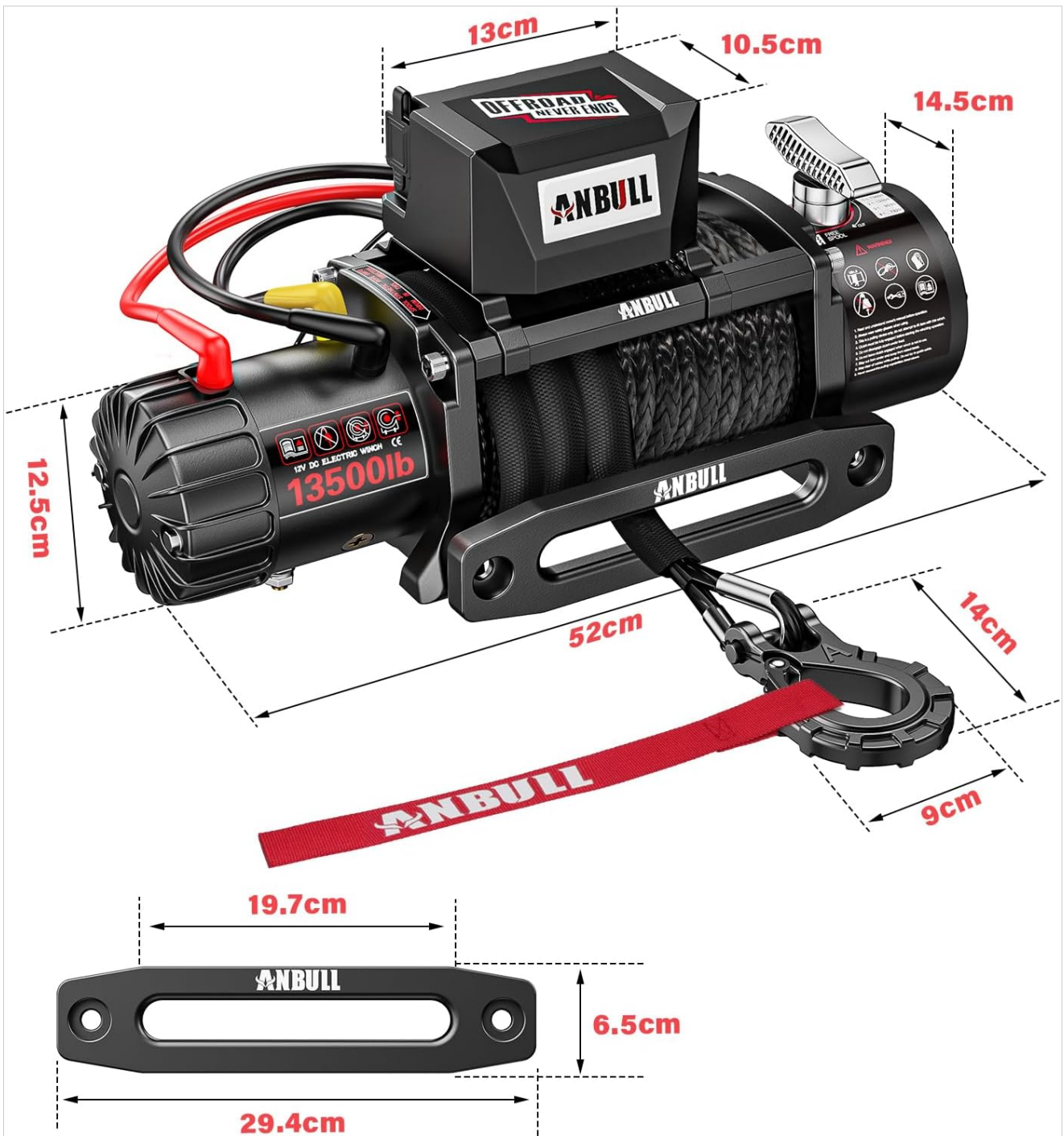


Image: Diagram illustrating the key dimensions of the Anbull Electric Winch and its alloy hawse fairlead, providing measurements in centimeters for installation planning.

Feature	Specification
Model Number	13500LBS (TXY6000-A)
Rated Line Pull	13500 LBS (6136 kg)
Motor	12V DC, 6.6 HP / 4.85 kW, Pure Copper
Gear Train	3-Stage Planetary
Gear Ratio	265:1
Clutch	Sliding Ring Gear (Freewheel)
Rope Type	Synthetic Nylon Rope
Rope Dimensions	9.5 mm x 26 m
Fairlead	Alloy Hawse Fairlead
Remote Control	1x Wired, 2x Wireless (30m range)
Waterproof Rating	IP67
Idle Speed	9.7 m/min
Loaded Speed	2.3 m/min
Product Weight	26 kg (60 lbs)
Product Dimensions	61 x 32 x 26 cm
Battery Requirement	12V Car Battery or 400-500A Battery
Remote Battery Type	AM4 1.5V (AAA)

Go Prepared. Get Unstuck.

Your Ultimate **12V Recovery**

13500 LBS

Max Line Pull Capacity



6136 KG

Focus on high quality

Image: The Anbull Electric Winch displayed with a vehicle, prominently featuring its 13500 LBS (6136 KG) maximum line pull capacity, emphasizing its high quality and recovery capabilities.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact Anbull customer service through the retailer where the product was purchased or visit the official Anbull website. Please have your model number (13500LBS) and purchase details ready when contacting support.