

WINDHORSE Y1

WINDHORSE Y1 Electric Dirt Bike User Manual

INTRODUCTION

Welcome to the WINDHORSE Y1 Electric Dirt Bike user manual. This guide provides essential information for the safe operation, maintenance, and optimal performance of your new electric dirt bike. Please read this manual thoroughly before your first ride and keep it for future reference.

Safety Guidelines

- Always wear a helmet and appropriate safety gear, including gloves, eye protection, and sturdy footwear.
- Familiarize yourself with local laws and regulations regarding electric dirt bike usage.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and controls.
- Do not operate the bike under the influence of alcohol or drugs.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding in adverse weather conditions or on excessively slippery surfaces.
- Ensure the battery is securely locked in place before riding.

PRODUCT OVERVIEW

The WINDHORSE Y1 is a high-performance electric dirt bike designed for both off-road adventures and urban commuting. It features a powerful motor, a long-range removable battery, and a durable carbon alloy frame.

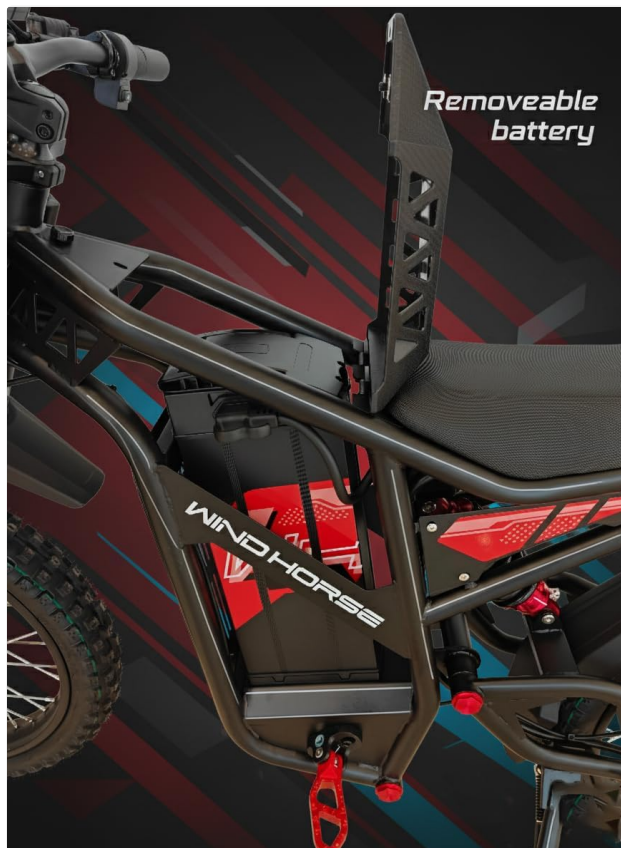
Key Features

- **Powerful 3000W Brushless Motor:** Provides strong acceleration and torque.
- **60V 35Ah Removable Lithium Battery:** Offers up to 70 km range and convenient charging.
- **Top Speed 90 km/h:** Delivers high-speed performance.
- **Carbon Alloy Frame:** Ensures durability and lightweight construction.
- **19x3 Inches All-Terrain Tires:** Provides optimal grip on various surfaces.
- **Dual Hydraulic Suspension:** Absorbs shocks for a smoother ride.
- **Digital Display:** Provides essential riding information.

Components



The WINDHORSE Y1 Electric Dirt Bike shown with its included charger and phone mount accessory.



Detail of the removable battery, designed for easy charging and replacement.



The robust 19x3 inch off-road tires provide superior traction and stability.



The digital display provides real-time information such as speed, battery level, and riding mode.



The integrated back light and indicators enhance visibility and safety.



A powerful front headlight ensures clear visibility during night rides.



Ergonomic control pad buttons allow for easy access to various functions while riding.

SETUP

Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Attach the handlebars to the stem, ensuring all bolts are tightened securely.
3. Install the front wheel, aligning the disc brake rotor with the caliper.
4. Attach the front fender and any other accessories.
5. Ensure all connections are firm and secure before proceeding.

Initial Battery Charging

1. Locate the charging port on the battery or bike frame.
2. Connect the charger to the battery, then plug the charger into a standard electrical outlet.
3. Allow the battery to charge fully before its first use. The charger indicator light will typically change from red to green when charging is complete.
4. Charging time may vary, but typically takes several hours for a full charge.

OPERATING INSTRUCTIONS

Powering On/Off

- To power on: Press and hold the power button on the display or control panel until the screen illuminates.
- To power off: Press and hold the power button again until the display turns off.

Riding Controls

- **Throttle:** Located on the right handlebar. Gently twist to accelerate. Release to decelerate.
- **Brakes:** Front brake lever is on the right handlebar, rear brake lever on the left. Apply smoothly and evenly. The Y1 features disc brakes for effective stopping power.
- **Digital Display:** Shows current speed, battery level, riding mode, and odometer. Use the control buttons to cycle through information or adjust settings.
- **Headlight/Taillight:** Activate via the control panel for improved visibility.

Battery Management

- Monitor the battery level on the digital display.
- Charge the battery after each significant use to prolong its lifespan.
- Avoid completely draining the battery whenever possible.
- Store the battery in a cool, dry place when not in use, and charge it periodically if stored for extended periods.

MAINTENANCE

Regular Checks

- **Tires:** Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI. Inspect for wear or damage.
- **Brakes:** Ensure brake levers operate smoothly and provide adequate stopping power. Check brake pads for wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Suspension:** Inspect the front and rear suspension for proper function and any signs of leakage.
- **Electrical Connections:** Ensure all cables and connectors are secure and free from damage.

Cleaning

- Use a damp cloth to wipe down the frame and components.
- Avoid using high-pressure washers directly on electrical components or bearings.
- Dry the bike thoroughly after cleaning to prevent rust.

Battery Care

- Always use the original charger provided with the bike.
- Do not expose the battery to extreme temperatures.
- If the battery is damaged, discontinue use and contact support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on	Low battery; loose battery connection; faulty power button	Charge battery; ensure battery is properly seated and locked; contact support if issue persists.
Motor not engaging	Throttle issue; motor cable disconnected; error code on display	Check throttle connection; inspect motor cables; refer to display error codes in a more detailed manual or contact support.
Brakes feel weak	Worn brake pads; air in hydraulic system; misaligned caliper	Inspect and replace brake pads; have brakes bled by a professional; adjust caliper alignment.
Unusual noises	Loose components; worn bearings; motor issue	Check all fasteners; inspect wheels and motor for play; contact support.

SPECIFICATIONS

Feature	Detail
---------	--------

Feature	Detail
Model	WINDHORSE Y1
Motor Power	3000W Brushless
Battery	60V 35Ah Removable Lithium
Max Speed	90 km/h
Range per Charge	Up to 70 km
Frame Material	Carbon Alloy Steel
Tire Size	19x3 Inches All-Terrain
Suspension	Dual Hydraulic
Brake Type	Disc
Age Range	Adult
Included Components	Pump
Item Model Number	Y1

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official WINDHORSE website. If you encounter any issues not covered in this manual or require technical assistance, please contact WINDHORSE customer support through the provided channels.

© 2025 WINDHORSE. All rights reserved.

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

Answered questions about this manual

How do I create or change a password for the WINDHORSE Y1 electric dirt bike?

Based on the available documentation for the WINDHORSE Y1, there is no mention of a digital password or PIN code required to operate the bike's display or power system. The manual focuses on physical...

[Read full answer](#)