



[Manuals.plus](#) /

› [KOOZ](#) /

› KOOZ HP112E 36V 1000W Electric Dirt Bike User Manual

KOOZ HP112E

KOOZ HP112E 36V 1000W Electric Dirt Bike User Manual

Model: HP112E | Brand: KOOZ

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your KOOZ HP112E 36V 1000W Electric Dirt Bike. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: KOOZ HP112E Electric Dirt Bike (Blue variant shown)

Product Overview Video

Your browser does not support the video tag.

Video 1: KOOZ 36V 1000W Electric Dirt Bike for Kids - This video provides a general overview of the product in use.

2. SAFETY INFORMATION

Your safety is paramount. Always follow these guidelines to prevent injury or damage.

- **UL2849 Certified:** The KOOZ HP112E Electric Dirt Bike is UL2849 certified, ensuring compliance with safety standards.
- **Protective Gear:** Always wear a helmet, knee pads, elbow pads, and appropriate footwear when riding.
- **Supervision:** Young riders should always be supervised by an adult.
- **Rider Specifications:** Designed for riders up to 150 pounds. Suitable for ages 7-14 with a recommended height of 4FT-5.5FT.

- **Terrain:** Ride on appropriate surfaces. Avoid public roads, heavy traffic, or hazardous terrain unless specifically designed for it.
- **Braking:** Familiarize yourself with the dual disc brake system for effective stopping.



Figure 2: Recommended rider height, age, bike weight, and maximum load capacity.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- KOOZ HP112E Electric Dirt Bike (main frame with rear wheel and motor pre-assembled)
- Front Wheel
- Front Fork Assembly
- Handlebar Assembly (with controls and brakes)
- Front Fender

- Front Number Plate
- Battery (36V 7.8Ah Lithium)
- Charger
- Assembly Tools (wrenches, hex keys)
- User Manual (this document)

4. SETUP & ASSEMBLY

Follow these steps to assemble your KOOZ HP112E Electric Dirt Bike. It is recommended to have two people for certain steps.

Assembly Video Guide

Your browser does not support the video tag.

Video 2: KOOZ 36V 1000W Electric Dirt Bike Installation - This video demonstrates the assembly process.

Step-by-Step Assembly Instructions:

- 1. Unpack Components:** Carefully remove all parts from the packaging. Keep all packing materials until assembly is complete.
- 2. Install Handlebars:**
 - Locate the handlebar assembly and the handlebar clamps on the bike's frame.
 - Position the handlebars into the clamps, ensuring the brake levers and controls are facing forward and are easily accessible.
 - Secure the handlebars by tightening the bolts on the clamps evenly with the provided tools. Do not overtighten.
- 3. Attach Front Fork:**
 - Slide the front fork tubes into the triple clamps on the bike's head tube.
 - Ensure the forks are aligned and at an equal height.
 - Tighten the bolts on the triple clamps to secure the front fork.
- 4. Install Front Wheel:**
 - Insert the front wheel axle through the fork dropouts and the wheel hub.
 - Ensure the brake rotor aligns correctly with the brake caliper.
 - Secure the axle with the nuts, tightening them firmly.
- 5. Connect Front Brake Caliper:**
 - Attach the front brake caliper to the designated mounting points on the front fork.
 - Ensure the brake pads are correctly positioned around the brake rotor.
 - Tighten the caliper mounting bolts.
- 6. Attach Front Fender and Number Plate:**
 - Mount the front fender to the front fork using the provided screws.
 - Attach the front number plate to the handlebars or front fork as designed, securing it with the appropriate fasteners.

7. Connect Rear Shock:

- If the rear shock is not pre-installed, connect it between the swingarm and the frame, securing with bolts.

8. Initial Charge: Before first use, fully charge the battery for 5-6 hours.

5. OPERATING INSTRUCTIONS

Understand how to safely operate your electric dirt bike.

Key Features:

- **Motor:** 1000W DC Brush Motor for powerful performance.
- **Battery:** 36V 7.8Ah Lithium Battery, offering up to 15 miles range on a single charge. Charge time is approximately 5-6 hours.
- **Speed Modes:** Three adjustable speed modes to suit different skill levels and terrains:
 - Low: 6.5 mph
 - Medium: 12 mph
 - High: 18 mph
- **Suspension:** Dual suspension system (1 rear hydraulic spring shock, 2 front hydraulic shocks) for adapting to various terrains.
- **Brakes:** Reliable dual disc brake system for enhanced safety and quick stops.

1000W POWERFUL DC BRUSH MOTER

18MPH
Top Speed

15 MILES
Max Range

15%
Slope

Figure 3: Illustration of the 1000W DC Brush Motor, highlighting top speed, max range, and slope capability.

36V 7.8AH Lithium Battery



5-6 hours

Charge Time



36V 7.8AH

Removable Lithium
Battery



45 minutes

Ride Time

Figure 4: Details of the 36V 7.8Ah Lithium Battery, including charge time and ride time.

3-Speed Adjustable

6.5MPH
LOW

12MPH
MEDIUM

18MPH
HIGH



Figure 5: Visual representation of the three adjustable speed modes: Low (6.5 MPH), Medium (12 MPH), and High (18 MPH).

16" Fat Tires

Sturdy Tires Adapt to Complex Road Conditions

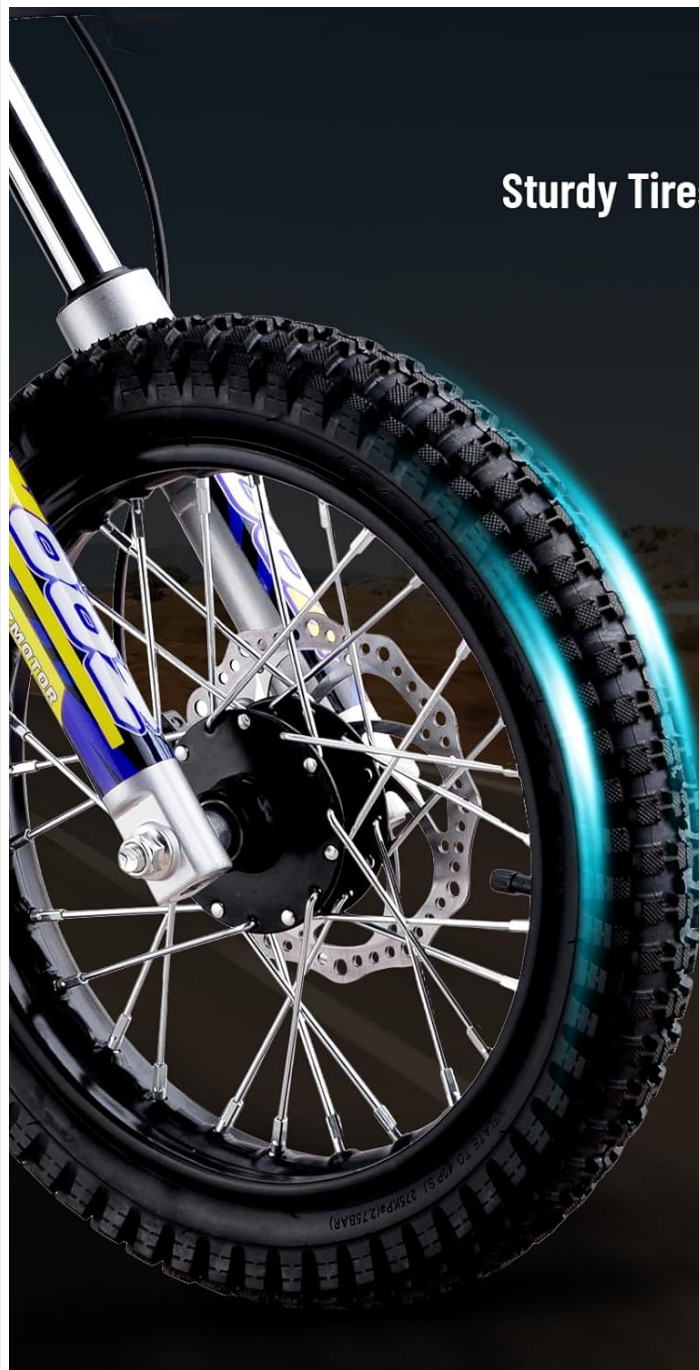


Figure 6: Close-up of the 16-inch sturdy tires, suitable for various road conditions including snow, mountain, sand, and flat roads.

FRONT AND REAR DUAL DISC BRAKES



Figure 7: Illustration of the front and rear dual disc brakes for reliable stopping power.

SUPER SHOCK ABSORTION PERFORMANCE

Full Suspension:1 rear hydraulic spring shock,2 front hydraulic shocks



Figure 8: Detail of the super shock absorption performance with full suspension, including rear spring shock and front hydraulic shocks.

Starting the Bike:

1. Insert the key into the ignition and turn it to the "ON" position.
2. Select your desired speed mode (Low, Medium, or High) using the mode switch on the handlebars.
3. Gently twist the throttle to accelerate.

Stopping the Bike:

- Release the throttle.
- Apply the brake levers smoothly and evenly.
- Once stopped, turn the ignition key to "OFF" and remove the key for security.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dirt bike.

- **Battery Care:**

- Charge the battery fully after each use.
- Do not overcharge or completely drain the battery.
- Store the bike in a cool, dry place when not in use, and charge the battery periodically if stored for extended periods.

- **Tire Pressure:** Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall for specific values).

- **Brake System:** Inspect brake pads and rotors for wear. Ensure brake levers operate smoothly and provide adequate stopping power. Adjust brake cables as needed.

- **Chain Maintenance:** Keep the chain clean and lubricated. Check for proper tension.

- **General Inspection:** Periodically check all nuts, bolts, and fasteners for tightness. Inspect the frame, suspension, and handlebars for any signs of damage or wear.

- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Bike does not start/power on.	Battery is low or dead. Ignition key is off. Loose electrical connection.	Charge the battery fully. Turn the ignition key to "ON". Check all visible electrical connections for secure fit.
Reduced speed or range.	Low battery charge. Riding in high-speed mode constantly. Heavy rider weight or challenging terrain.	Ensure battery is fully charged. Use lower speed modes for longer range. Performance varies with conditions.
Brakes feel weak or spongy.	Brake pads worn. Loose brake cable. Air in hydraulic system (if applicable).	Inspect and replace brake pads if worn. Adjust brake cable tension. Consult a qualified technician for hydraulic brake issues.
Unusual noises during operation.	Loose components. Dry or misaligned chain. Motor issue.	Check all fasteners. Lubricate and adjust chain tension. If noise persists, contact customer support.

8. SPECIFICATIONS

Technical details for the KOOZ HP112E Electric Dirt Bike.

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

Feature	Detail
Model Name	HP112E
Brand	KOOZ
Motor Power	1000W
Battery Type	36V 7.8Ah Lithium Battery
Max Speed	Up to 18 MPH (3 speed modes: 6.5, 12, 18 MPH)
Max Range	Up to 15 Miles
Charge Time	5-6 hours
Tire Size	16 inches (pneumatic)
Brake System	Dual Disc Brake
Suspension	Dual (1 rear hydraulic spring shock, 2 front hydraulic shocks)
Item Weight	51 Pounds
Max Rider Weight	150 Pounds
Recommended Age	7-14 years
Recommended Height	4FT-5.5FT
Safety Certification	UL2849
Material	Alloy Steel
Manufacturer	HANGZHOU HIPERFECT TECHNOLOGY CO., LTD

9. WARRANTY & SUPPORT

For any questions, issues, or warranty claims, please refer to the information below.

- **Warranty:** The product comes with a 30-day warranty. Please retain your purchase receipt for warranty claims.
- **Customer Support:** For technical guidance and after-sales service, contact KOOZ-US.
- **Email:** support@koozmotor.com
- **Important:** Keep the original product box for at least 30 days in case of return or after-sales service.



Professional After-Sales Support

- We offer comprehensive technical guidance and after-sales service for all our electric bikes. If you have any questions or encounter any issues, please don't hesitate to contact us -our team will respond within 24 hours with a solution.
- Please review our return policy before returning items to streamline the process.
- Please keep this box for at least 30 days in case of return or after-sales service.
- Email: support@koozmotor.com

Figure 9: KOOZ Professional After-Sales Support details.