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› ADO A20+ Electric Bike User Manual

ADO A20+

ADO A20+ Electric Bike User Manual

Model: A20+

INTRODUCTION

Welcome to the user manual for your new ADO A20+ Electric Bike. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your bike.

The ADO A20+ is a versatile folding electric bike designed for city commuting, exercise, and recreational riding. It features a robust aluminum alloy frame, a powerful motor, and a long-lasting battery, offering a balanced blend of speed and safety.



Image: The ADO A20+ Electric Bike, showcasing its compact folded design, ideal for storage and transport.

Safety Information

Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear a helmet that meets safety standards.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Obey all local traffic laws and regulations.
- Be aware of your surroundings and ride defensively.
- Do not ride under the influence of alcohol or drugs.
- Ensure the bike is properly folded and secured if transporting.
- The bike has a waterproof rating of IPX5, making it suitable for various weather conditions. However, avoid submerging the bike in water.

- The maximum payload for the bike is 120kg (264lbs). Do not exceed this limit.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your ADO A20+ Electric Bike:

- **Frame:** Aluminum alloy, foldable design.
- **Motor:** 36V 250W/350W motor for electric assistance.
- **Battery:** Removable 10.4Ah battery for extended range.
- **Brakes:** Dual disc brakes for reliable stopping power.
- **Gears:** Shimano 7-speed gear system.
- **Suspension:** Front fork and body double shock-absorption system.
- **Lighting System:** Integrated front and rear lights.
- **Display:** Handlebar-mounted display for speed, battery, and mode information.
- **Charging Port:** For charging the removable battery.
- **Mobile Phone Charging Station:** USB port for charging mobile devices.



Image: A full view of the ADO A20+ Electric Bike, highlighting its robust frame and wheel design.

SETUP

Unfolding the Bike

1. Carefully remove the bike from its packaging.
2. Unfold the frame by releasing the main hinge latch. Ensure it clicks securely into place.

3. Raise the handlebar stem and secure its latch. Adjust the handlebar height to your preference.
4. Insert the seat post into the frame and adjust the seat height. Secure the quick-release lever.
5. Unfold the pedals if they are in a folded position.

Battery Installation and Charging

- Locate the battery compartment, typically integrated into the frame.
- Insert the battery, ensuring it locks securely. Use the key if provided to lock the battery in place.
- Before your first ride, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will change when fully charged.
- Charging time may vary, but typically takes several hours for a full charge.

Pre-Ride Checks

- Check tire pressure.
- Verify brake functionality (front and rear).
- Ensure all quick-release levers and latches are securely fastened.
- Test the lights and horn.
- Check battery level on the display.

OPERATING

Powering On/Off

Press and hold the power button on the display to turn the bike on or off.

Riding Modes

The ADO A20+ offers different riding modes:

- **Pedal Assist Mode:** The motor provides assistance as you pedal. You can adjust the level of assistance (e.g., Eco, Standard, Sport) using the controls on the handlebar. This mode extends your travel range significantly.
- **Electric Mode (Throttle):** Use the throttle to engage the motor without pedaling. This mode is ideal for quick acceleration or when you need a break from pedaling. Note that the electric range is approximately 40km, while the boost (pedal assist) distance is approximately 80km.
- **Manual Mode:** Ride the bike like a traditional bicycle without any electric assistance.

Gear Shifting

Utilize the Shimano 7-speed shifter to adjust your gear ratio according to terrain and desired effort. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

Braking

The bike is equipped with dual disc brakes. Apply both front and rear brakes simultaneously for effective and safe stopping. Avoid sudden, hard braking, especially with the front brake only, to prevent skidding.



Image: Two individuals enjoying a ride on ADO electric bikes, demonstrating typical usage.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ADO A20+ Electric Bike.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Tires:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Inspect brake pads for wear and replace them when necessary. Ensure brake levers are responsive and cables are not frayed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to about 50-70% every few months. Avoid fully discharging the battery frequently.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are tight and secure.
- **Professional Service:** For complex repairs or annual tune-ups, it is recommended to visit a professional bike

mechanic or an authorized ADO service center.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ADO A20+ Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed. Loose connections.	Ensure battery is fully charged and securely seated. Check all electrical connections.
Motor not assisting.	Low battery. Pedal assist level set to zero. Sensor issue.	Charge battery. Increase pedal assist level on display. Check for debris near pedal sensor.
Brakes feel weak.	Worn brake pads. Loose brake cables.	Inspect and replace brake pads if worn. Adjust brake cable tension.
Gears are not shifting smoothly.	Dirty or unlubricated chain. Derailleur out of adjustment.	Clean and lubricate the chain. Adjust derailleur (refer to a bike repair guide or professional).
Unusual noises during riding.	Loose components. Dry chain. Bearing issues.	Check all bolts and fasteners. Lubricate chain. If noise persists, seek professional inspection.

SPECIFICATIONS

Detailed technical specifications for the ADO A20+ Electric Bike:

- **Model:** ADO A20+
- **Frame Material:** Aluminum Alloy
- **Motor Power:** 36V 250W/350W
- **Battery Capacity:** 10.4Ah
- **Electric Distance:** Approximately 40km (25 miles)
- **Boost Distance (Pedal Assist):** Approximately 80km (50 miles)
- **Payload Capacity:** ≤120kg (264 lbs)
- **Weight:** 34kg (75 lbs)
- **Number of Speeds:** 7 (Shimano)
- **Brake Style:** Disc Brakes (Front and Rear)
- **Suspension Type:** Front Fork and Body Double Shock-Absorption
- **Waterproof Rating:** IPX5
- **Included Components:** Charger, Electric Bike

Product Size



Image: Product size diagram for the ADO A20+ Electric Bike, illustrating key dimensions for storage and use.

WARRANTY AND SUPPORT

ADO provides comprehensive warranty and after-sales support for your electric bike:

- **Frame Warranty:** 10 Years
- **Motor and Battery Warranty:** 12 Months
- **Charger and Other Parts Warranty:** 12 Months

Warranty Policy Details:

1. Spare parts and installation instructions (including video) are provided freely.
2. Customers may purchase spare parts from third parties, and ADO will undertake the cost.
3. If customers are unable to fix the bike, it can be sent back to an official maintenance center.
4. If the bike still cannot be fixed, ADO will provide a new one for free.

For support, installation assistance, or maintenance inquiries, please contact:

Email: Support@adoebike.com

ADO has local authorized offline shops in the EU and US. Maintenance centers are available in the EU and CN, with a US center currently under construction.

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