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A Dece Oasis A20FXE

A Dece Oasis ADO A20FXE Electric Bike User Manual

Model: ADO A20FXE | Brand: A Dece Oasis

1. INTRODUCTION

Welcome to the user manual for your new A Dece Oasis ADO A20FXE Electric Bike. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your e-bike. Please read this manual thoroughly before your first ride and keep it for future reference.

The ADO A20FXE is a versatile electric bike designed for adults, featuring 20*4.0 inch fat tires, a 250W motor, and a 36V 10.4Ah battery, offering a comfortable and powerful riding experience.

Fat Tire Electric Bike

20*4.0 inch electric folding bicycle



G-Drive Control System



SHIMANO 7-speed
Transmission



250W high-speed motor



Front fork shock



Safe lithium battery



70km ultra-long range



3.0 brake system



quick fold

Figure 1.1: Overview of the ADO A20FXE Electric Bike highlighting key features such as G-Drive Control System, Shimano 7-speed Transmission, 250W high-speed motor, Front fork shock, Safe lithium battery, 70km ultra-long range, 3.0 brake system, and quick fold mechanism.

2. SETUP AND ASSEMBLY

Your ADO A20FXE electric bike comes partially assembled. Follow these steps for initial setup and assembly.

2.1 Unfolding the Bike

1. Carefully remove the bike from its packaging.

2. Locate the main frame hinge and release the safety latch.
3. Unfold the frame until it locks securely into place. Ensure the latch is fully engaged.
4. Unfold the handlebar stem and secure it with its quick-release lever. Adjust the handlebar height as desired.
5. Insert the seat post into the frame and adjust the seat height for comfortable riding. Secure with the quick-release lever.
6. Unfold the pedals if they are in a folded position.



Figure 2.1: The ADO A20FXE electric bike shown in both its compact folded state and fully unfolded, ready for use.

2.2 Initial Battery Charging

Before your first ride, fully charge the battery. The battery can be charged directly on the bike or removed for charging.

- Connect the charger to the battery charging port.
- Plug the charger into a standard power outlet.
- The charging indicator light on the charger will show the charging status. A full charge typically takes 6-7 hours.

- Once fully charged, disconnect the charger.

HD LCD screen

Real-time showing cycling data, clearly display under the sunshine.



USB charging port

Charge your mobile device anytime.



Reflectors

Long-distance reflection.



Center handle design

The whole car can be easily lifted byhand.



Figure 2.2: Illustration of the two charging methods for the ADO A20FXE battery: direct charging while installed on the bike, and charging the battery separately after removal.

2.3 Pre-Ride Checks

Always perform these checks before each ride for safety:

- **Tires:** Check tire pressure. The 20*4.0 inch fat tires should be inflated to the recommended pressure (refer to tire sidewall).
- **Brakes:** Test both front and rear brakes to ensure they engage smoothly and effectively.
- **Handlebars & Seat:** Ensure all quick-release levers are securely tightened.
- **Lights & Reflectors:** Verify that the LED headlights, rear brake lights, and reflectors are clean and functional.

- **Battery:** Check battery level on the display.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off and Display

To power on the bike, press and hold the power button on the HD LCD display. The display will show real-time cycling data. To power off, press and hold the power button again.



Vehicle level new energy battery

There are two charging methods: direct charging and disassembly. charging time: 4-6H

70km ultra-long range

The ultra-long battery life guarantees your travel all day long.

Figure 3.1: Close-up view of the HD LCD screen providing real-time cycling data, the integrated USB charging port for mobile devices, front wheel reflectors for visibility, and the convenient center handle design for easy lifting.

3.2 Pedal Assist System (PAS) and Throttle

The ADO A20FXE offers multiple riding modes:

- **Pedal Assist Mode:** The motor provides assistance as you pedal. You can select different levels of assistance via the display controls.
- **Full Electric Mode:** Use the throttle (if equipped and legal in your region) for motor-only propulsion without pedaling.
- **Manual Mode:** Ride the bike like a traditional bicycle without any motor assistance.

3.3 Gear Shifting

Your e-bike is equipped with a Shimano 7-speed transmission system. Use the shifter on the handlebar to change gears according to terrain and desired speed.

- **Lower Gears (1-3):** Ideal for climbing hills or starting from a stop.
- **Medium Gears (3-5):** Suitable for regular riding on flat or gently sloping terrain.
- **Higher Gears (5-7):** Best for high-speed riding on flat surfaces.

Super Power

250W high-speed motor, strong climbing ability

25KM/H

Maximum Speed

45 N.M

Torque

40-70KM

Range of Kilometers



Shimano 7-speed Transmission

Shinmano transmission, transmission for bicycle.



5-7 gears high-speed section,
high-speed riding.



3-5 gears, medium speed,
regular riding.



1-3 gears low speed section,
suitable for climbing.

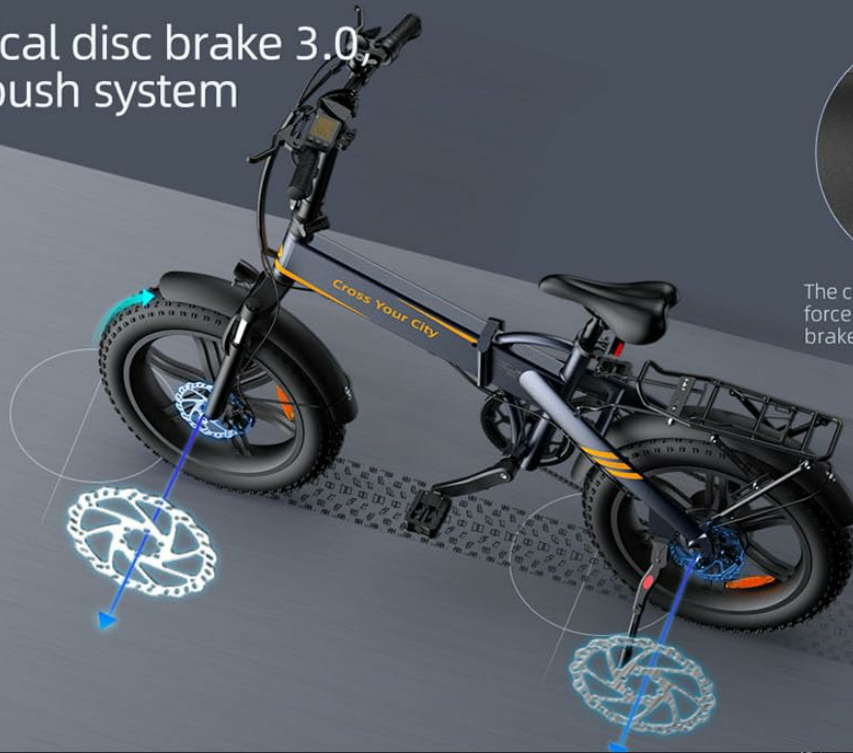
Figure 3.2: Detailed view of the Shimano 7-speed transmission system, crucial for adapting to various riding conditions, alongside the powerful 250W high-speed motor that provides strong climbing ability and a maximum speed of 25 km/h.

3.4 Braking System

The ADO A20FXE features an upgraded mechanical disc brake 3.0 with a dual-push braking system for smooth and quick stops.

- Always apply both front and rear brakes simultaneously for balanced and effective stopping.
- Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

Mechanical disc brake 3.0, double push system



The clips on both sides push the force evenly together, and the brake is more stable.

Front fork shock

shock absorption design, adapt to various complex road conditions, make riding more comfortable.

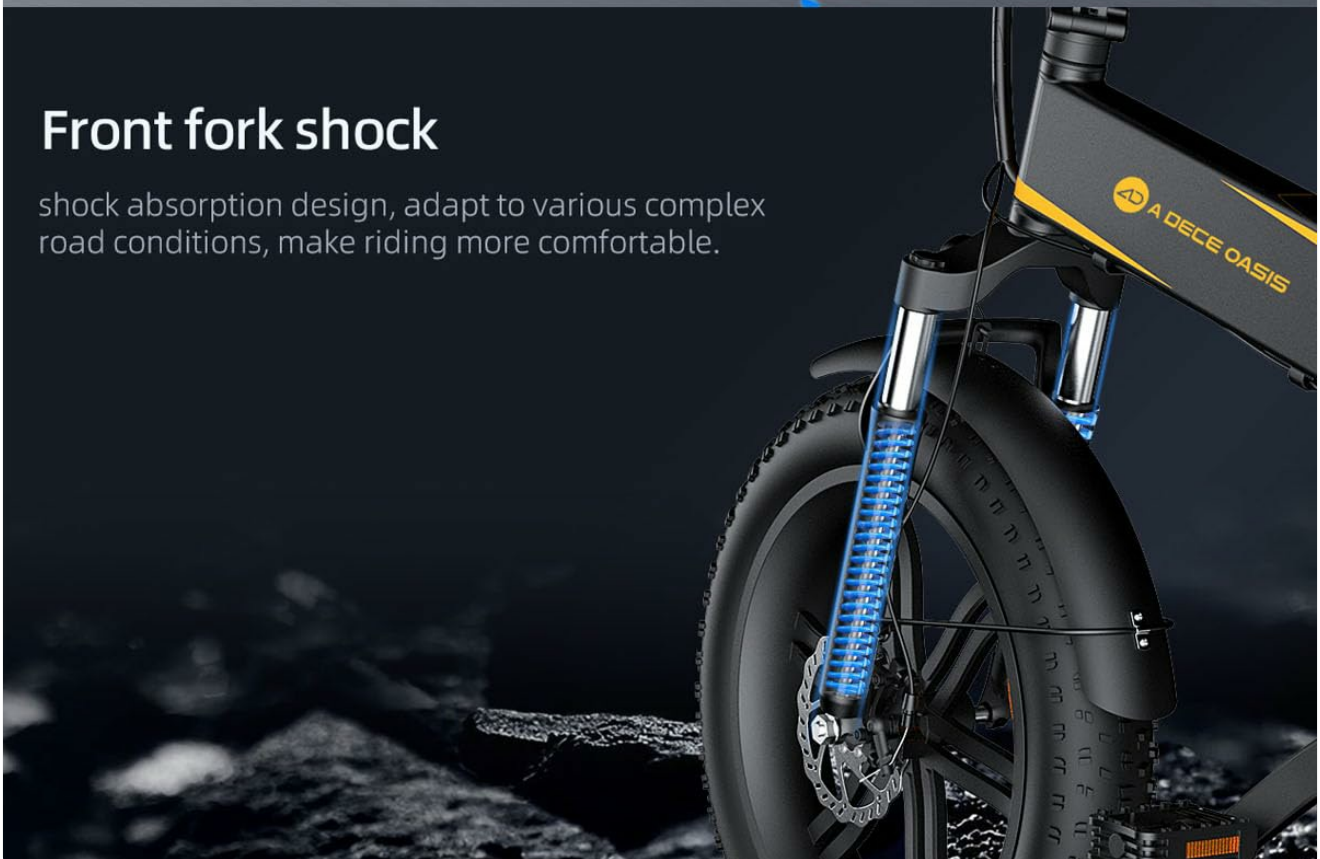


Figure 3.3: Illustration of the mechanical disc brake 3.0 with its dual-push system for stable and effective braking, and the front fork shock absorption design, which enhances riding comfort on various road conditions.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ADO A20FXE electric bike.

4.1 Battery Care

- Charge the battery regularly, even if the bike is not in use, to maintain its health.
- Avoid completely draining the battery before recharging.

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided with the bike.

4.2 Tires

- Check tire pressure before each ride. Proper inflation improves efficiency and prevents punctures.
- Inspect tires for wear, cuts, or embedded objects regularly.

20*4.0 Inches tires with Integrated molding hub

- multi-layer thick rubber tire
- super grip
- anti-skid & explosion-proof
- Applicable to all kinds of roads

Product Size

82cm, 174cm, 115cm, 5cm

after folding: 98*45*77 cm

- E-bike Weight 29 kg
- Recommended Rider Height 140cm~190cm
- Load Capacity MAX 120 kg

140 cm, 190 cm

Figure 4.1: Detailed view of the 20*4.0 inch fat tires, featuring multi-layer thick rubber, super grip, and anti-skid & explosion-proof properties, making them applicable to all kinds of roads.

4.3 Brakes

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. Adjust cable tension if levers feel spongy.

4.4 Drivetrain

- Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- Inspect gears and derailleur for any damage or misalignment.

4.5 General Cleaning

- Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- Dry the bike thoroughly after cleaning or riding in wet conditions.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ADO A20FXE electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, loose electrical connection.	Charge battery, ensure battery is fully inserted, check all visible connections.
Motor not assisting	PAS level set to zero, battery low, brake levers engaged, motor connection loose.	Increase PAS level, charge battery, ensure brakes are not engaged, check motor cable.
Gears slipping or not shifting smoothly	Derailleur misalignment, dirty/dry chain, damaged shifter cable.	Clean and lubricate chain, adjust derailleur (consult a bike mechanic if unsure), inspect shifter cable.
Brakes feel weak or spongy	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads, adjust brake cable tension, consult a mechanic for hydraulic brake issues.

If you encounter an issue not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

6. SPECIFICATIONS

Key technical specifications for the ADO A20FXE Electric Bike:

Feature	Detail
Bike Type	Electric Bike
Model	ADO A20FXE
Motor	250W Brushless Motor
Battery	36V 10.4Ah Lithium-ion (Replaceable)
Max Speed	25 km/h
Range	40-80 km (depending on riding conditions and assist level)
Charging Time	6-7 hours
Wheel Size	20 Inches (4.0 Fat Tyres)
Frame Material	Aluminum
Number of Speeds	7 (Shimano Transmission)
Brake Style	Mechanical Disc Brake 3.0 (Dual-push system)
Suspension Type	Rear (Improved shock absorbing front fork also present)
Color	Black
E-Bike Weight	29 kg
Load Capacity	MAX 120 kg
Recommended Rider Height	140cm-190cm
Included Components	Tool Kit

20*4.0 Inches tires with Integrated molding hub

multi-layer thick rubber tire

super grip

anti-skid & explosion-proof

Applicable to all kinds of roads



Product Size



Figure 6.1: Diagram illustrating the product dimensions (unfolded and folded), E-bike weight (29 kg), recommended rider height (140cm-190cm), and maximum load capacity (120 kg) for the ADO A20FXE.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your A Dece Oasis ADO A20FXE electric bike comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official A Dece Oasis website for detailed terms and conditions regarding coverage, duration, and claims process. Keep your proof of purchase for warranty validation.

7.2 Customer Support

For technical assistance, spare parts, or any other inquiries, please contact A Dece Oasis customer support.

- **Website:** Refer to the official A Dece Oasis website for support contact details.
- **Email:** Check your product packaging or the official website for customer service email.
- **Phone:** Check your product packaging or the official website for customer service phone number.

When contacting support, please have your model number (ADO A20FXE) and purchase date ready.