

## A Dece Oasis Ado Air 20

# A Dece Oasis Ado Air 20 Folding E-Bike User Manual

Model: Ado Air 20

Brand: A Dece Oasis

## INTRODUCTION

Welcome to the A Dece Oasis Ado Air 20 Folding E-Bike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and care of your new electric bicycle. The Ado Air 20 is designed for urban commuting and leisure, featuring a lightweight aluminum frame, a maintenance-free carbon belt drive, an advanced torque sensor, and hydraulic disc brakes for a smooth and responsive riding experience. Its foldable design enhances portability and storage convenience.

Please read this manual thoroughly before your first ride to ensure proper assembly, safe operation, and to maximize the lifespan of your e-bike.

## SAFETY INFORMATION

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

- Always wear a helmet that meets local safety standards.
- Familiarize yourself with local traffic laws and regulations regarding electric bicycles.
- Perform a pre-ride check before each use, including brakes, tires, and battery level.
- Ensure all quick releases and folding mechanisms are securely locked before riding.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions, such as heavy rain or snow, which can reduce visibility and traction.
- Do not exceed the maximum weight capacity of the e-bike.

# COMPONENTS OVERVIEW

Understand the key components of your Ado Air 20 E-Bike:

- **Frame:** Lightweight aluminum alloy, foldable design.
- **Motor:** Rear hub motor.
- **Battery:** Integrated, with Samsung cells for reliable power.
- **Drive System:** Carbon belt drive, offering quiet and maintenance-free operation.
- **Sensor:** Torque sensor for smooth and responsive pedal assist.
- **Brakes:** Hydraulic disc brakes for strong and consistent stopping power.
- **Display:** Handlebar-mounted display for speed, battery level, and assist mode.
- **Lights:** Integrated front and rear lights for visibility.
- **Tires:** 20-inch wheels, suitable for urban environments.



Figure 1: Overview of the Ado Air 20 Folding E-Bike.

## SETUP

Your Ado Air 20 E-Bike comes largely pre-assembled. Follow these steps for initial setup:

### 1. Unboxing and Initial Inspection

Carefully remove the e-bike from its packaging. Inspect for any visible damage during transit. Retain the packaging for future transport or storage.

### 2. Unfolding the E-Bike

1. Place the folded bike on a flat surface.

2. Release the frame folding latch, typically located in the middle of the main frame tube. Carefully unfold the frame until it locks into place. Ensure the latch is fully engaged and secured.
3. Release the handlebar stem folding latch and raise the handlebar stem until it locks upright. Secure the latch.
4. Adjust the handlebar height using the quick-release lever on the stem.
5. Adjust the seat post height using the quick-release lever on the seat tube. Ensure the seat post is inserted past the minimum insertion mark.
6. Unfold the pedals if they are foldable.



Figure 2: The Ado Air 20 in a partially folded state, highlighting its compact design.

### 3. Battery Charging

Before your first ride, fully charge the battery. The battery is integrated into the frame. Locate the charging port, typically on the side of the frame. Connect the charger to the port and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when fully charged. Disconnect the charger once charging is complete.

**Note:** Use only the original charger provided with your e-bike.

## OPERATING THE E-BIKE

## 1. Powering On/Off

To power on the e-bike, press and hold the power button on the handlebar display until the screen illuminates. To power off, press and hold the same button until the display turns off.

## 2. Pedal Assist System (PAS)

The Ado Air 20 features a torque sensor-based pedal assist system. This means the motor provides assistance proportional to your pedaling effort. The more force you apply to the pedals, the more assistance the motor provides.

- Use the '+' and '-' buttons on the display to cycle through different assist levels (e.g., 0-3 or 0-5).
- Level 0: No motor assistance (pure pedal power).
- Higher levels: Provide more motor assistance, making pedaling easier, especially uphill or against wind.

## 3. Braking

Your e-bike is equipped with hydraulic disc brakes for superior stopping power. Apply both brake levers simultaneously for effective and controlled braking. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

## 4. Folding for Transport/Storage

To fold the e-bike for transport or storage, reverse the unfolding steps:

1. Lower the seat post to its lowest position.
2. Fold the pedals if they are foldable.
3. Release the handlebar stem latch and fold the handlebar down. Secure the latch.
4. Release the main frame folding latch and carefully fold the frame in half. Ensure the latch is secured once folded.



Figure 3: The Ado Air 20 fully folded, demonstrating its portability.

## 5. App Connectivity

The Ado Air 20 supports app connectivity. Download the official A Dece Oasis app from your smartphone's app store. Follow the in-app instructions to pair your e-bike. The app may provide features such as ride tracking, battery status, and customizable settings.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your e-bike.

### 1. Cleaning

Clean your e-bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, motor, or battery. Dry thoroughly after cleaning.

### 2. Tire Pressure

Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) indicated on the tire sidewall. Proper tire pressure improves efficiency, handling, and prevents punctures.

### 3. Brake Checks

Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive braking. If you notice reduced braking performance, consult a qualified bicycle mechanic.

### 4. Carbon Belt Care

The carbon belt drive is designed to be maintenance-free for up to 30,000 km. Unlike traditional chains, it does not require lubrication. Keep it clean from excessive dirt or debris. If you notice any unusual noise or wear, consult a professional.

## 5. Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid fully discharging the battery frequently.
- If storing for an extended period, charge the battery to 50-70% capacity.

## TROUBLESHOOTING

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
E-bike does not power on.	Low battery; loose battery connection; power button issue.	Charge the battery; ensure battery is properly seated; contact support if issue persists.
Motor not assisting.	PAS level 0 selected; battery low; sensor issue.	Increase PAS level; charge battery; check for error codes on display; contact support.
Brakes feel weak.	Worn brake pads; air in hydraulic line; misaligned calipers.	Inspect and replace brake pads; have brakes bled by a professional; adjust calipers.
Unusual noises from belt drive.	Debris in belt; belt tension issue.	Clean the belt; consult a professional for belt tension adjustment.

## SPECIFICATIONS

Model	Ado Air 20
Brand	A Dece Oasis
Frame Material	Lightweight Aluminum Alloy
Motor Power	250W
Battery Cells	Samsung Cells
Drive System	Carbon Belt Drive (Maintenance-free up to 30,000 km)
Sensor Type	Torque Sensor
Brakes	Hydraulic Disc Brakes
Weight	Approx. 17.5 kg (Ultra-lightweight)
Color	Gray

<b>Assembly Required</b>	No (Minimal setup required)
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## WARRANTY AND SUPPORT

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A Dece Oasis provides a limited warranty for the Ado Air 20 E-Bike. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or warranty inquiries, please contact A Dece Oasis customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your model number (Ado Air 20) and ASIN (B0C4DFKYJF) ready.

For more information, visit the official A Dece Oasis website: [www.adeceoasis.com](http://www.adeceoasis.com)

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