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## A Dece Oasis A20F XE

# A Dece Oasis ADO A20F XE Electric Bike User Manual

Model: ADO A20F XE | Brand: A Dece Oasis

## 1. INTRODUCTION AND OVERVIEW

The ADO A20F XE is a foldable electric pedelec e-bike designed for urban commuting and light off-road adventures. It features a robust aluminum alloy frame, a powerful 250W motor, and a long-lasting 36V 10.4Ah removable battery. Key enhancements include an upgraded mechanical disc brake system and a durable paint finish.

- **Enhanced Braking System:** Equipped with mechanical disc brake 3.0 and a dual-push braking system for reliable and quick stops.
- **Powerful Motor & Battery:** Features a 250W brushless motor and a removable 36V 10.4Ah lithium-ion battery, offering a range of 40-80 km and a top speed of 25 km/h.
- **7-Speed Shimano Transmission:** Provides smooth gear changes and improved climbing capability.
- **Comfort-Oriented Design:** Includes a low-step frame, shock-absorbing front fork, and adjustable seat post for a comfortable riding experience.
- **Durable Construction:** The frame undergoes a four-spray, four-baking paint process for enhanced durability and appearance.



Figure 1.1: The ADO A20F XE electric bike shown in both its unfolded and compact folded states, highlighting its portability.

# Neu Upgrade ADO A20F XE Fat Tire Elektrofahrrad

- Vier Schichten Sprühdarbe, dauerhafte Farbfixierung
- 20\*4.0-Zoll-Fett-Reifen
- Schutzbleche und Gepäckträger aus Eisen
- Mechanische Scheibenbremse 3.0 mit Dual Push System



Figure 1.2: Key features of the ADO A20F XE, including its upgraded paint finish, 20x4.0-inch fat tires, iron fenders, rear rack, and mechanical disc brake system.

## 2. SETUP AND ASSEMBLY

Your ADO A20F XE electric bike comes partially assembled. Follow these steps to prepare your bike for its first ride.

### 2.1 Unfolding the Bike

1. Place the folded bike on a flat surface.
2. Release the frame latch and carefully unfold the main frame until it locks into place.
3. Unfold the handlebar stem and secure its latch. Adjust the handlebar height as desired.
4. Unfold the pedals.

### 2.2 Battery Installation and Charging

The 36V 10.4Ah lithium-ion battery is removable for convenient charging. Ensure the battery is fully charged before your first ride.

- To install, slide the battery into its compartment until it clicks securely.
- To remove, use the key to unlock and slide the battery out.
- Connect the charger to the battery charging port (either on or off the bike) and then to a power outlet.
- A full charge typically takes 6-7 hours. The charger indicator light will change when charging is complete.

## 2.3 Pre-Ride Checks

Before each ride, perform the following safety checks:

- **Tire Pressure:** Ensure tires are inflated to the recommended pressure (check sidewall for details). The 20\*4.0 inch fat tires provide excellent grip and stability.
- **Brakes:** Test both front and rear mechanical disc brakes to ensure they engage effectively.
- **Quick Releases/Latches:** Verify all quick releases and folding latches are securely fastened.
- **Lights & Horn:** Check that the LED headlight, rear brake light, and horn are functional.

## Vier Schichten Sprühfarbe, dauerhafte Farbfixierung

Der Lack wurde von einer einzigen Schicht Sprühlack auf vier Schichten Sprühlack und vier Einbrennvorgänge umgestellt, um die Haltbarkeit der Farbe zu verbessern und sie weniger anfällig für Verfärbungen zu machen. Das A20F XE bleibt glänzend und neu, während andere Fahrräder aufgrund von Umwelt- und Witterungseinflüssen einen Farbverfall und Verfärbungen erfahren.



EN15194



4 Spritzlackierung



400.000  
Alterungstests



Rahmen aus  
Aluminiumlegierung



Figure 2.1: Illustration of the bike's aluminum alloy frame and the multi-layer paint process, emphasizing durability and quality.

## 3. OPERATING THE ELECTRIC BIKE

Familiarize yourself with the controls and riding modes of your ADO A20F XE for an optimal experience.

### 3.1 Powering On/Off and Display

- Press and hold the power button on the HD-LCD display to turn the bike on or off.
- The display shows essential information such as speed, battery level, and riding mode.
- An integrated USB charging port is available on the display for charging mobile devices.

### 3.2 Riding Modes and Gear Shifting

The ADO A20F XE offers three distinct riding modes:

1. **Pedal Assist Mode:** The motor provides assistance as you pedal. Adjust the assist level via the display.
2. **Electric Mode:** Use the throttle for full electric power without pedaling.
3. **Normal Bike Mode:** Ride without electric assistance, like a traditional bicycle.

The Shimano 7-speed gearbox allows you to adjust your pedaling effort to different terrains and speeds. Use the shifter on the handlebar to change gears smoothly.

# 250w Leistungsstarker Motor

**25KM/H**

Maximale Geschwindigkeit

**45 N.M**

Drehmoment

**40-70KM**

Reichweite von Kilometern



## Shimano 7-Gang-Schaltung

ADO 20F XE Elektrofahrzeug ist für Kunden mit 3 verschiedenen Fahrmodi konzipiert, und mit Shimano 7-Gang-Schaltung, kann es effektiv die Probleme der Kunden auf Hügeln, Schnee und anderen schwierigen Straßen zu lösen. Geben Sie Ihren Kunden ein reibungsloses Sporterlebnis!

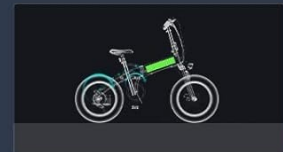


Figure 3.1: Detailed view of the 250W powerful motor and the Shimano 7-speed gearbox, illustrating the bike's propulsion system.



Figure 3.2: Various components including the HD-LCD display, USB charging port, stable rear rack, iron fenders, and anti-slip pedals.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ADO A20F XE electric bike.

### 4.1 Battery Care

- Charge the battery regularly, even if 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.

### 4.2 Tire and Brake Inspection

- Check tire pressure before each ride. The 20\*4.0 inch fat tires are designed for various road conditions.
- Inspect brake pads for wear and replace them if necessary. Ensure brake levers are firm and responsive.

- Keep brake rotors clean and free of oil or grease.

### 4.3 Cleaning and Storage

- Clean the bike regularly with a damp cloth and mild detergent. Avoid high-pressure washing directly on electrical components.
- Lubricate the chain periodically to ensure smooth operation and prevent rust.
- Store the bike in a dry, sheltered area. Its foldable design allows for compact storage.



Figure 4.1: Close-up of the 20x4.0 inch multi-layer thick rubber fat tire with integrated cast hub, highlighting its super grip and anti-slip, explosion-proof features suitable for all road types.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ADO A20F XE electric bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely seated in its compartment. Check power button.
Motor not assisting.	Low battery, pedal assist level too low, or sensor issue.	Charge battery. Increase pedal assist level on the display. Check for any loose cables.
Brakes feel weak.	Worn brake pads, loose cable, or air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. If issue persists, consult a professional.
Gears are not shifting smoothly.	Derailleur misalignment or dirty/dry chain.	Clean and lubricate the chain. If shifting is still rough, a derailleur adjustment may be needed by a bike technician.



Figure 5.1: Illustration of the mechanical disc brake 3.0 with dual-push system and the front fork suspension, designed for effective braking and comfortable riding over rough terrain.

## 6. SPECIFICATIONS

Detailed technical specifications for the ADO A20F XE electric bike.

- **Model:** ADO A20F XE
- **Motor:** 250W Brushless Motor
- **Battery:** 36V 10.4Ah Lithium-ion (Removable)
- **Max Speed:** 25 km/h (15.5 mph)
- **Range:** 40-80 km (25-50 miles) per charge
- **Charging Time:** 6-7 hours
- **Tires:** 20 x 4.0 inch Fat Tires
- **Brakes:** Mechanical Disc Brake 3.0 (Front & Rear)
- **Gears:** Shimano 7-Speed Transmission
- **Frame Material:** Aluminum Alloy
- **Special Features:** Foldable design, Rear Rack, LED Headlight, Rear Brake Light, Horn, USB Charging Port
- **Bike Weight:** Approximately 29 kg (64 lbs)
- **Recommended Rider Height:** 140-190 cm (4'7" - 6'3")
- **Max Load Capacity:** 120 kg (265 lbs)
- **Color:** Black

# Produktgröße



Figure 6.1: Product dimensions, including height and length, along with key specifications such as bike weight, recommended rider height range, and maximum load capacity.

## 7. WARRANTY AND SUPPORT

Warranty information for your ADO A20F XE electric bike is typically provided with your purchase documentation. Please refer to the warranty card or contact the retailer for specific terms and conditions.

For technical support, spare parts, or service inquiries, please visit the official A Dece Oasis website or contact their customer service department. Keep your purchase receipt and serial number handy for faster assistance.

**Official Website:** [www.adoebike.com](http://www.adoebike.com) (Example link, actual link might vary)