

## YADEA ElitePrime X1

# YADEA ElitePrime X1 Electric Kick Scooter User Manual

Model: ElitePrime X1 | Brand: YADEA

## 1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your YADEA ElitePrime X1 Electric Kick Scooter. Please read it thoroughly before first use to ensure optimal performance and safety.

The YADEA ElitePrime X1 is an advanced electric kick scooter designed for adult commuters, featuring a powerful 1500W peak motor, a range of up to 40 miles, and a top speed of 20 MPH. It is equipped with 10-inch tires, a triple braking system, and dual suspension for a comfortable and secure ride, even on inclines up to 30%.



Image: The YADEA ElitePrime X1 Electric Kick Scooter, showcasing its sleek dark gray design with orange accents.

## 2. WHAT'S IN THE BOX

Upon unboxing your YADEA ElitePrime X1, please verify that all components are present and in good condition. The standard package includes:

- YADEA ElitePrime X1 Electric Kick Scooter (main unit)

- Charging case
- Charging cable
- Product manuals (multiple copies)
- Tools and kits for assembly/maintenance
- Extended air valve
- Six (6) screws



Image: A visual representation of the YADEA ElitePrime X1 scooter and its included accessories: charging case, charging cable, product manuals, tools, extended air valve, and screws.

### 3. SETUP AND ASSEMBLY

The YADEA ElitePrime X1 comes largely pre-assembled. Follow these steps to complete the setup:

1. **Unfolding the Scooter:** Carefully lift the handlebar stem until it locks into place. Ensure the folding mechanism is securely latched.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring all connections are firm. Use the provided screws and tools to secure them.

3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charging cable to the scooter's charging port and then to a power outlet. The indicator light will show charging status.
4. **Tire Pressure Check:** Verify that the 10-inch tubeless tires are inflated to the recommended pressure. Use the extended air valve if needed.
5. **Brake Check:** Test both the front and rear brakes to ensure they are functioning correctly and provide adequate stopping power.

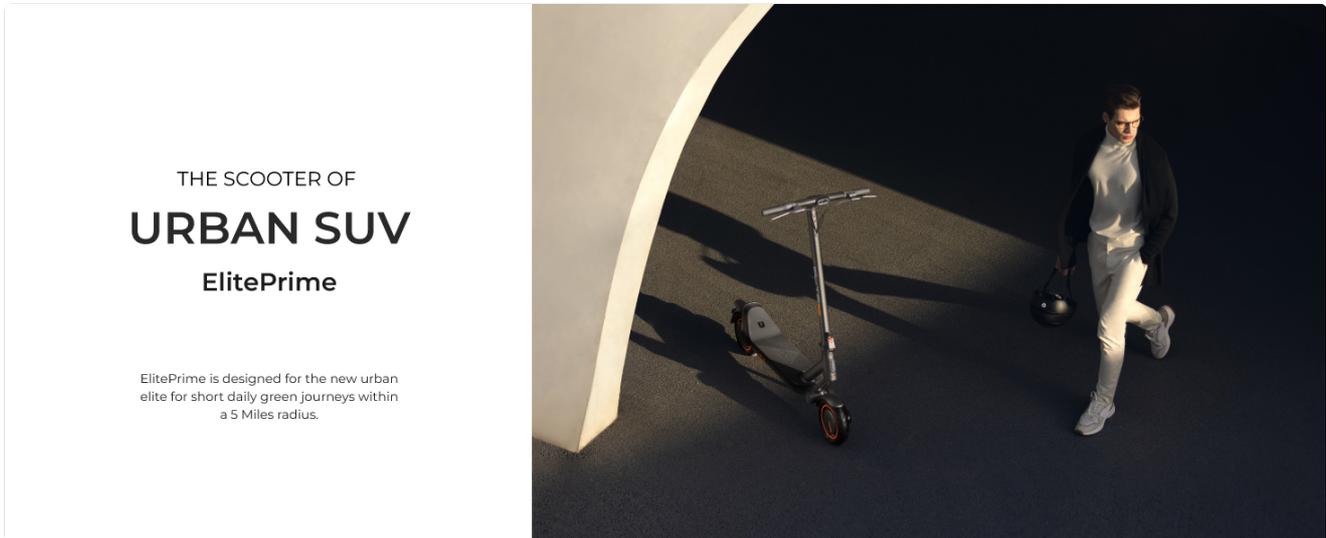


Image: Illustration of the three-step folding mechanism and dual lock protection for the YADEA ElitePrime X1, demonstrating its portability.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

Press and hold the multi-function button on the handlebar to power the scooter on or off. The display will illuminate upon activation.

### 4.2 Riding Modes

The ElitePrime X1 features multiple speed modes. Cycle through them using the multi-function button to adjust to your riding environment and desired speed (up to 20 MPH).

### 4.3 Braking System

The scooter is equipped with a triple braking system: front drum brake, rear disc brake, and an electric brake. Apply both mechanical brakes simultaneously for optimal stopping power. The electric brake provides auxiliary resistance.

### 4.4 Smart Features & App Connectivity

Utilize the user-friendly YADEA app for enhanced control and monitoring. Features include real-time ride updates, parking spot location, locking status, unusual activity alerts, cruise control, OTA wireless upgrades, energy recovery, and Bluetooth parking.



Image: A smartphone screen displaying the YADEA app interface, showing scooter status, total kilometers, battery level, and shortcuts for cruise control, walk mode, and horn sound.

THE SCOOTER OF  
**URBAN SUV**  
ElitePrime

ElitePrime is designed for the new urban elite for short daily green journeys within a 5 Miles radius.



Image: Close-up of the YADEA ElitePrime X1 handlebar display and a hand holding a smartphone showing the companion app, highlighting smart features like cruise control and OTA updates.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using high-pressure water jets directly on electronic components. The scooter has an IPX5 waterproof rating, meaning it is resistant to water splashes from any direction.
- **Tire Care:** Periodically check tire pressure and inspect for wear or damage. The 10-inch MPN self-healing tubeless tires feature a gel layer for rapid self-healing in case of puncture damage.
- **Brake Inspection:** Regularly check brake pads and cables for wear. Adjust as necessary to maintain effective braking.
- **Battery Care:** Store the scooter in a cool, dry place. Avoid fully discharging the battery frequently. Charge the battery regularly, even if not in use, to prolong its lifespan.
- **Fastener Check:** Ensure all screws and fasteners are tight before each ride.



Image: A close-up of the YADEA ElitePrime X1 scooter's wheels and deck being splashed with water, illustrating its IPX5 waterproof rating.

# Safe Journeys Ahead

## Intelligent dumping protection

If the ElitePrime tips past 45°, it cuts off power to the motor, helping you slow down and minimize damage.

## Triple brake system

Disc Dual-brake & Drum Brake & Electric Brake



Image: A detailed view of the 10-inch thickened tubeless tire with a blue glowing inner ring, highlighting its self-healing feature and widened tread.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Power button not pressed correctly; Internal fault.	Charge the battery fully. Press and hold the power button firmly. Contact customer support if issue persists.
Reduced range or speed	Low battery; Overload; Tire pressure too low; Steep incline.	Ensure battery is fully charged. Do not exceed weight limit. Inflate tires to recommended pressure. The scooter handles up to 30% inclines, but extreme conditions may affect performance.
Brakes feel weak	Worn brake pads; Loose brake cable.	Inspect and replace worn brake pads. Adjust brake cable tension.
Unusual noises during operation	Loose components; Debris in wheels/motor; Suspension issue.	Check all fasteners. Inspect wheels and motor for obstructions. The dual polymer shock absorbers are designed to reduce rattle. If noise persists, seek professional inspection.

## 7. SPECIFICATIONS

**Model Name:** ElitePrime X1

**Brand:** YADEA

**Motor:** 800W (1500W peak output)

**Max Speed:** Up to 20 MPH

**Max Range:** Up to 40 Miles (on a single charge)

**Battery Capacity:** 678 Wh Lithium Battery

**Hill Grade:** Up to 30%

**Tires:** 10-inch Thickened Tubeless Tires (MPN Self-healing)

**Braking System:** Front Drum Brake + Rear Disc Brake + Electric Brake (Triple Brake System)

**Suspension:** Dual Polymer Shock Absorbers (Front & Rear)

**Frame Material:** Aluminum or Magnesium

**Waterproof Rating:** IPX5

**Color:** Dark Gray

**Handlebar Width:** 23 inches

**Deck Dimensions:** 7.2 x 22.2 inches (widened and lengthened)

**Chassis Ground Clearance:** 6.1 inches

**Lighting:** Motorcycle-class spotlight headlight (120° illumination angle, 15m distance), Unique gene taillight, Recessed turn signals with sound warning.



Image: Diagram illustrating the powerful motor of the YADEA ElitePrime X1, highlighting 40 N·m peak torque, 20 MPH max speed, and 30% max slope capability.

# Front & Rear Polymer Shock Absorber

2.4 In.



2.4 In.

Shock absorption  
stroke distance

Longer and more  
comfortable

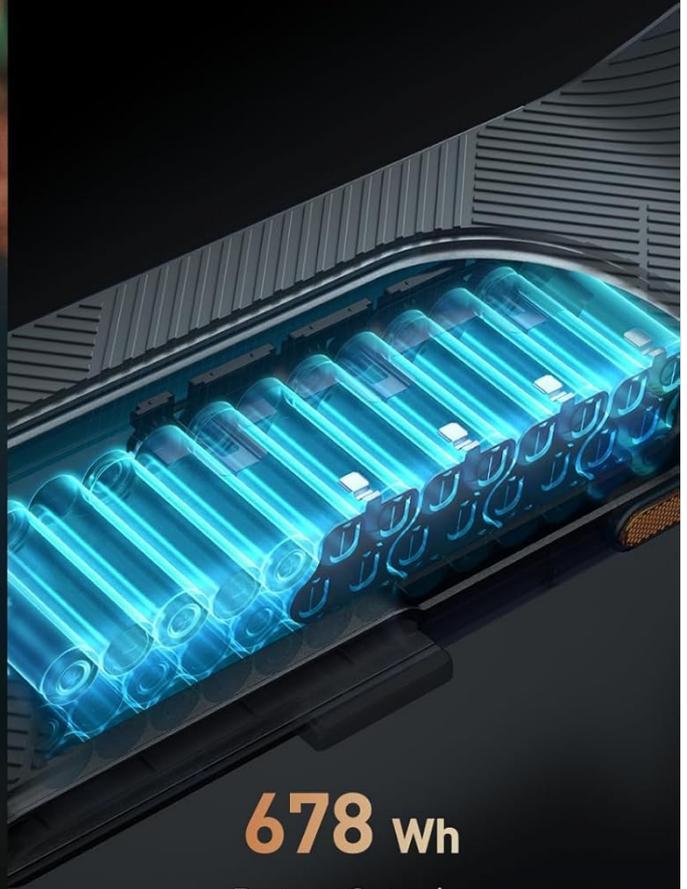
Image: Cross-section view of the front and rear polymer shock absorbers, indicating a 2.4-inch shock absorption stroke distance for enhanced comfort.

# Give Up Your Range Anxiety



**40 Miles**

Max. Range



**678 Wh**

Battery Capacity

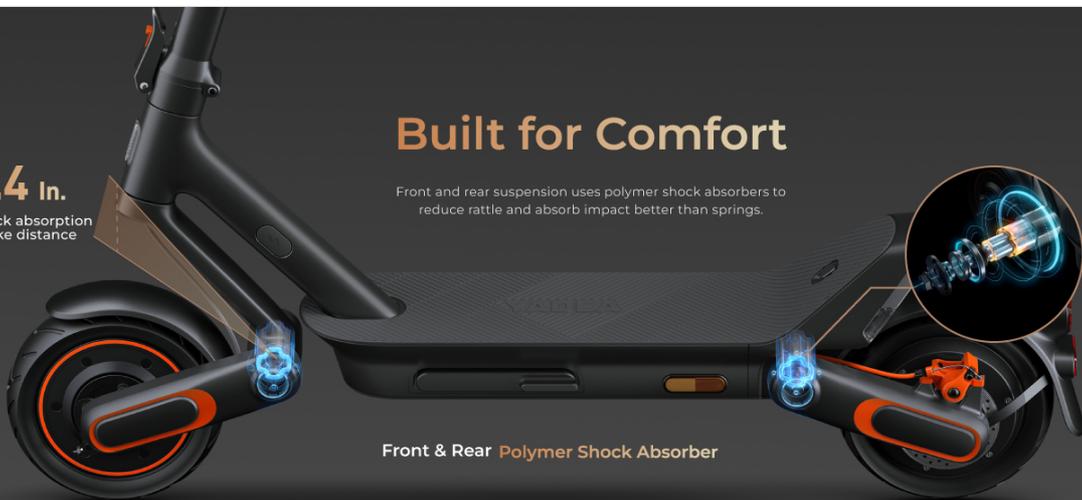
Image: Visual representation of the 40-mile max range and 678 Wh battery capacity of the YADEA ElitePrime X1, emphasizing extended travel without range anxiety.

## Built for Comfort

**2.4 In.**

Shock absorption  
stroke distance

Front and rear suspension uses polymer shock absorbers to reduce rattle and absorb impact better than springs.



Front & Rear **Polymer Shock Absorber**

Image: Diagram illustrating the triple brake system of the YADEA ElitePrime X1, including disc dual-brake, drum brake, and electric brake for safe journeys.

## 8. WARRANTY & SUPPORT

YADEA offers professional customer service and warranty support for the ElitePrime X1 Electric Kick Scooter.

- **Warranty:** One year or 180 days warranty on different parts. Please refer to the detailed warranty policy in the included product manuals for specific terms and conditions.
- **Money Back Guarantee:** 30-day money back guarantee.
- **Customer Service:** US-based professional 24-hour online service is available for any inquiries or support needs.

For further assistance, please visit the official YADEA website or contact their customer support directly.

[Visit the Official YADEA Store](#)

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### Related Documents

	<p><a href="#">Yadea YDX1 Electric Scooter User Manual - Assembly, Operation, and Safety Guide</a> Comprehensive user manual for the Yadea YDX1 electric scooter, covering assembly, operation, safety, maintenance, and technical specifications.</p>
	<p><a href="#">Yadea KS3 Lite Electric Scooter User Manual</a> Comprehensive user manual for the Yadea KS3 Lite Electric Scooter, covering safety precautions, assembly, operation, maintenance, and specifications.</p>
	<p><a href="#">YADEA Y1S Electric Scooter User Manual - Operation, Maintenance, and Safety</a> Comprehensive user manual for the YADEA Y1S electric scooter, covering operation, safety guidelines, maintenance procedures, troubleshooting, and technical specifications. Learn how to safely operate and maintain your YADEA Y1S for optimal performance.</p>
	<p><a href="#">Yadea H3/H3PRO/KS5/KS5PRO Electric Scooter User Manual</a> Comprehensive user manual for Yadea H3, H3PRO, KS5, and KS5PRO electric scooters, covering operation, safety, maintenance, charging, specifications, and app integration.</p>