

ECOROAD ET8

ECOROAD ET8 Electric Scooter Instruction Manual

Model: ET8

1. INTRODUCTION AND SAFETY GUIDELINES

Thank you for choosing the ECOROAD ET8 Electric Scooter. This manual provides essential information for the safe assembly, operation, and maintenance of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

Important Safety Information

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, wrist guards) when riding.
- Ensure all bolts and fasteners are securely tightened before each ride.
- Do not ride in wet conditions, heavy rain, or through puddles deeper than 1 inch. The scooter has an IPX4 waterproof rating, but excessive water exposure can cause damage.
- Adhere to local laws and regulations regarding electric scooter usage.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding on uneven terrain, steep slopes, or slippery surfaces.
- The maximum weight limit for this scooter is 330 pounds.
- Regularly inspect tires for proper inflation and wear.

2. PRODUCT OVERVIEW

The ECOROAD ET8 is a high-performance electric scooter designed for adults, featuring a powerful motor, long-range battery, and robust suspension system for a comfortable ride across various terrains.



Image: The ECOROAD ET8 Electric Scooter, shown with an optional seat and handlebar-mounted storage bag.

Key Features:

- **Powerful Motor:** 1000W motor for speeds up to 32 MPH.
- **Extended Range:** 48V 20Ah battery offering up to 50 miles per charge.
- **Off-Road Tires:** 10-inch pneumatic off-road tires for enhanced grip and comfort.
- **Dual Suspension:** Front and rear swingarm suspension for superior shock absorption.
- **Advanced Braking:** Dual disc brakes with EABS (Anti-Lock Braking System) for reliable stopping power.
- **Smart Display & App:** Vibrant color display and Bluetooth connectivity for app control.
- **Comprehensive Lighting:** Crystal headlight, eagle-eye turn signals, and rear tail light for visibility.

3. SETUP AND ASSEMBLY

Your ECOROAD ET8 Electric Scooter requires minimal assembly. Follow these steps to get your scooter ready for its first ride.

Video: This video demonstrates the unboxing and initial assembly steps for the ECOROAD ET8 off-road electric scooter, including handlebar and fender installation.

Assembly Steps:

1. **Unpack the Scooter:** Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present.
2. **Install the Handlebar:** Attach the handlebar to the stem using the provided screws and Allen wrench. Ensure it is centered and securely tightened.
3. **Connect Front Light Wiring:** Locate the front light wires and connect them securely.
4. **Install the Kickstand:** Attach the kickstand to the designated area on the scooter deck using the provided screws.
5. **Install Rear Fender:** Secure the rear fender over the rear wheel using the provided screws.
6. **Install Rear Turn Signals:** Attach the rear turn signals to the rear of the scooter and connect their wiring.
7. **Optional Seat Installation:** If using the seat, attach the seat post to the scooter deck and then secure the seat to the post. Adjust the seat angle for comfort.
8. **Initial Charge:** Fully charge the scooter before its first use. Refer to the 'Charging Operation' section for details.

4. OPERATING INSTRUCTIONS

Power On/Off

- Insert the key into the ignition and turn it to the 'ON' position.
- Press and hold the power button on the display to turn the scooter on.
- To power off, press and hold the power button again.

Speed Modes

The ET8 offers 4 intuitive speed modes to suit different riding conditions:



Image: The scooter's smart LED display indicating various speed modes and their corresponding maximum speeds.

- **Walking Mode:** Approximately 12 MPH (20 km/h) - Ideal for pedestrian areas or crowded spaces.
- **Eco Mode:** Approximately 18 MPH (30 km/h) - For energy-efficient riding and extended range.
- **Race Mode:** Approximately 25 MPH (40 km/h) - For a balanced performance.
- **Sport Mode:** Approximately 32 MPH (52 km/h) - For maximum speed and acceleration.

Switch between modes using the mode button on the handlebar. The current speed mode will be displayed on the vibrant color display.

Lighting System

The ET8 is equipped with a 360° brilliant lighting system for enhanced safety and visibility.



Image: The ECOROAD ET8 Electric Scooter illuminated at night, showcasing its powerful headlight, deck lights, and rear lighting for all-around visibility.

- **Headlight:** Press the headlight button on the handlebar to turn the front light on/off.
- **Turn Signals:** Use the left/right turn signal buttons to indicate your direction. The signals will also be visible on the display.
- **Tail Light:** The rear tail light automatically illuminates when the scooter is on and brightens when brakes are applied.
- **Deck Lights:** Integrated LED lights on the deck provide additional visibility and style.

Cruise Control

Engage cruise control for relaxed, fatigue-free long rides. To activate, maintain a consistent speed for a few seconds, and the cruise control will automatically engage. Lightly press the brake lever or throttle to disengage.

Smart APP Control (Voltix APP)

Pair your smartphone with the ECOROAD ET8 via Bluetooth for additional features and control.



Image: A smartphone showing the Voltix app, which allows users to control various settings and monitor their ECOROAD ET8 Electric Scooter.

- Download the Voltix APP from your smartphone's app store.
- Enable Bluetooth on your phone and open the Voltix APP.

- Search for and connect to your ET8 scooter.
- The app allows you to view speed, battery level, riding records, lock/unlock the scooter, and adjust settings.

5. CHARGING OPERATION

Proper charging ensures the longevity and performance of your scooter's battery.

Video: This video demonstrates the charging process for the ECOROAD ET8 Electric Scooter, showing how to connect the charger.

- Ensure the scooter is powered off before charging.
- Locate the charging port on the scooter deck.
- Connect the charger to the charging port, then plug the charger into a standard wall outlet.
- The indicator light on the charger will typically turn red during charging and green when fully charged.
- Do not overcharge the battery. Disconnect the charger once the battery is full.
- Charging time may vary but typically takes several hours for a full charge.

6. MAINTENANCE

Regular maintenance is crucial for the performance and lifespan of your ECOROAD ET8 scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals.
- **Tires:** Check tire pressure regularly (pneumatic tires). Ensure they are inflated to the recommended PSI. Inspect for punctures or excessive wear.
- **Brakes:** Periodically check brake pads and discs for wear. Adjust brake tension as needed to ensure responsive braking.
- **Fasteners:** Regularly check and tighten all screws and bolts, especially on the handlebars, folding mechanism, and wheels.
- **Battery Care:** Store the scooter in a cool, dry place. If storing for an extended period, ensure the battery is charged to about 50-70% and recharge every 30-60 days to prevent deep discharge.
- **Suspension:** Inspect the front and rear suspension components for any signs of damage or excessive wear.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Scooter Not Turning On:** Ensure the key is in the 'ON' position and the battery is charged. Check all cable connections.
- **Error Code E14:** This error often relates to battery connection issues. Try disconnecting and reconnecting the power lines to the battery. If the issue persists, contact customer support.
- **Reduced Range/Speed:** This could be due to low tire pressure, riding uphill frequently, heavy load, or cold weather. Ensure tires are properly inflated and consider riding in Eco mode for better range.
- **Brakes Feel Loose:** Adjust the brake cable tension at the brake lever or caliper. If pads are worn, they may need replacement.
- **Unusual Noises:** Inspect for loose parts, rubbing components, or debris in the wheels. If the motor makes unusual noises, discontinue use and contact support.

8. SPECIFICATIONS

Feature	Specification
Brand	ECOROAD
Model Name	ET8
Motor Power	1000W
Max Speed	32 MPH
Max Distance Range	50 Miles
Battery	48V 20Ah
Wheel Size	10 Inches
Wheel Type	Pneumatic Off-Road
Suspension Type	Dual Suspension (Front & Rear Swingarm)
Brake Style	Dual Disc Brakes with EABS
Weight Limit	330 Pounds
Frame Material	Aluminum
Waterproof Rating	IPX4

9. WARRANTY AND SUPPORT

ECOROAD provides a 180-day limited warranty for the ET8 Electric Scooter. For warranty claims, technical support, or any questions regarding your scooter, please contact ECOROAD customer service.

- **Email Support:** support@ecoroad.com
- **Service Hotline:** +1-877-701-5009

Please have your purchase information and scooter model number ready when contacting support.