



Manuals.plus /

› INSDRGN /

› INSDRGN C14 Electric Scooter User Manual

INSDRGN C14

INSDRGN C14 Electric Scooter User Manual

Adults Electric Scooter with Seat, 48V 10.4AH Foldable Electric Scooter

1. IMPORTANT SAFETY INFORMATION

Please read this manual carefully before operating your INSDRGN C14 Electric Scooter. Adherence to these instructions will ensure your safety and the longevity of your device.

- This electric scooter is UL 2272 certified, ensuring compliance with safety standards for electrical systems.
- Always wear appropriate safety gear, including a helmet, when operating the scooter.
- Ensure all components are securely fastened before each ride.
- Do not exceed the maximum load capacity of 330 lbs.
- Avoid riding in adverse weather conditions or on slippery surfaces.

2. PACKAGE CONTENTS

Upon opening your INSDRGN C14 Electric Scooter package, please verify that all the following components are included:

- Electric Scooter Frame (main body with battery compartment and rear wheel)
- Front Wheel Assembly (with disc brake)
- Handlebar Assembly
- Seat Assembly
- Rear Basket
- Front Fender
- Kickstand
- Battery Charger
- Air Pump
- Tool Kit (wrenches, hex keys)

- Reflectors
- Fuse
- User Manual (this document)



Figure 2.1: Main components of the INSDRGN C14 Electric Scooter.

3. SETUP AND ASSEMBLY

Your INSDRGN C14 Electric Scooter is 90% pre-assembled. Follow these steps for the remaining assembly:

3.1. Kickstand Installation

Attach the kickstand to the designated mounting points on the scooter frame using the provided screws and hex key. Ensure it is tightened securely for stability.

3.2. Front Wheel Assembly

Carefully remove the protective packaging from the front wheel. Insert the front axle through the wheel and secure it to the front fork. Ensure the disc brake aligns correctly with the caliper. Tighten the nuts on both sides using the provided wrench.

Video 3.1: Detailed instructions for C14 tire mounting and front wheel assembly.

3.3. Handlebar Installation

Loosen the gland screw of the folding riser to adjust the installation angle. Insert the handlebar into the riser. After adjusting the angle, tighten the gland screw. Release the self-locking clamp of the handlebar, adjust the handlebar to the desired position, and then tighten the clamp clockwise to a tight fit, and lock it.

Video 3.2: Step-by-step guide for C14 installation and setup, including handlebar assembly.

3.4. Seat Installation

Insert the seat tube into the designated slot on the scooter frame. Adjust the seat height to your preference, ensuring the safety line on the seat tube is not exposed. Tighten the seat tube clamp securely.



Figure 3.1: Adjustable seat for comfortable riding.

3.5. Rear Basket Installation

Loosen the four screws on the rear rack. Place the rear basket onto the rack and align the screw holes. Tighten the four screws to secure the basket firmly.

3.6. Front Fender and Headlight Installation

Loosen the screw and washer of the front fender. Use the nut and washer to connect and secure the front fender and the headlight to the front fork. Ensure they are firmly attached.

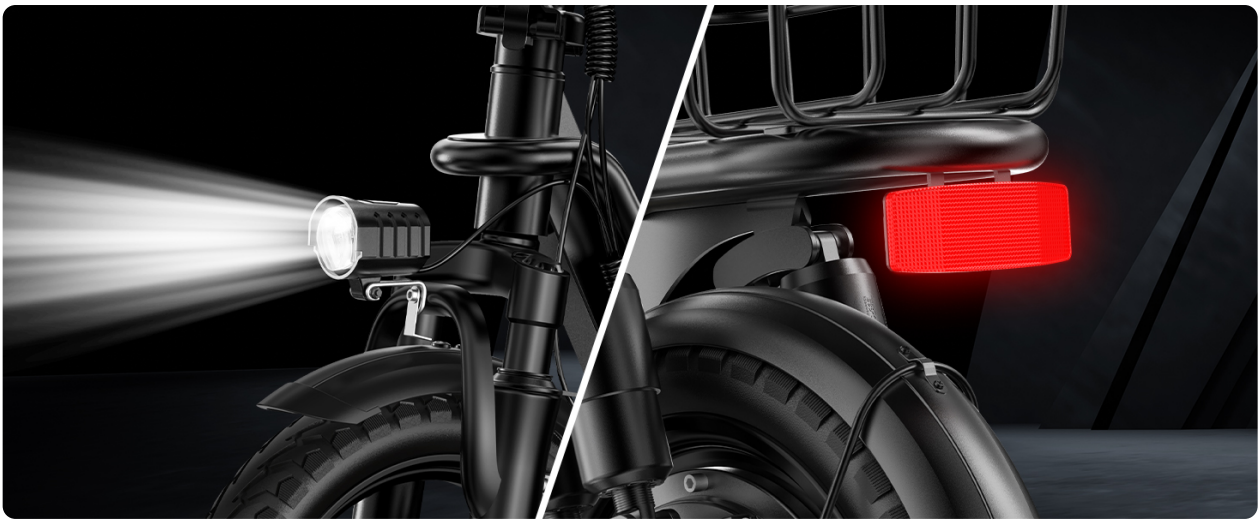


Figure 3.2: Headlight and rear brake reflectors for enhanced visibility.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Insert the key into the ignition. Turn the key clockwise once to power on the E-bike. Turn it clockwise again to turn on the headlight. To power off, turn the key counter-clockwise.

4.2. Acceleration and Braking

Twist the right handlebar grip to accelerate. The scooter features dual disc brakes (front and rear) for responsive stopping power. Squeeze the brake levers on the handlebars to engage the brakes.



Figure 4.1: Dual disc brake system for strong braking performance.

4.3. Phone Holder and USB Charging

The scooter is equipped with a phone holder on the handlebar. It also features a USB charging port to charge your mobile devices while riding. Simply plug your USB cable into the port.

4.4. Folding Mechanism

The INSDRGN C14 features a convenient one-step folding mechanism. This allows for easy storage and transport, fitting conveniently into a car trunk.



Figure 4.2: Scooter easily folds for transport and storage.

5. PERFORMANCE AND FEATURES

- **Efficient Performance:** Top speed of 20 mph, maximum range of 28 miles per charge.
- **Powerful Motor:** 750W peak power motor with 65 Nm torque, capable of conquering 40-degree inclines.
- **Long-lasting Battery:** 48V 10.4AH (499Wh) battery, fully charges in just 5 hours.
- **Durable Frame:** High-strength carbon steel frame, rigorously tested for 200,000 vibrations, supporting up to 330 lbs.
- **Comfortable Ride:** Dual shock absorption (front and rear) and a soft, wide seat with adjustable height (5'1" to 6'1" riders).
- **All-Terrain Tires:** Energy-efficient 14x2.125-inch pneumatic tires provide excellent grip and abrasion resistance on various terrains.



Figure 5.1: Powerful 750W brushless motor for efficient performance.

High Capacity Battery



48V 10.4A
20 MPH



5-6 Hous
Fast Charging



28 Miles
Travel Range



BMS
Safe & Reliable

Figure 5.2: High capacity battery for extended range.

Versatile Terrain, Shock-Absorbing Adaptation

Maintain a stable riding position no matter what the riding conditions are, thanks to excellent shock absorption



Figure 5.3: Dual shock absorption for a stable and comfortable ride.



Figure 5.4: Widened rough sand deck for comfortable foot placement.

6. MAINTENANCE

Regular maintenance ensures optimal performance and safety of your scooter:

- **Tire Pressure:** Maintain recommended tire pressure of 29-43 PSI for optimal performance and energy efficiency.
- **Cleaning:** Regularly clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Battery Care:** Charge the battery fully after each use. Avoid completely draining the battery to prolong its lifespan. Store in a cool, dry place.
- **Brake Check:** Periodically inspect the dual disc brakes for wear and tear. Ensure they are responsive and free from obstruction.
- **Fastener Check:** Regularly check all screws and bolts for tightness, especially after initial assembly and before each ride.

7. TROUBLESHOOTING

If you encounter issues with your INSDRGN C14 Electric Scooter, consider the following:

- **Assembly Difficulties:** If you face challenges during assembly, refer to the provided installation videos (Video 3.1 and 3.2) for visual guidance. Many common issues can be resolved by carefully following the video steps.
- **Power Issues:** Ensure the key is fully turned to the 'on' position. Check the battery charge level on the LED display. If the scooter does not power on, check the fuse (a spare is included in the package contents).
- **Brake Noise:** Some initial brake rubbing might occur. Adjust the position of the brake caliper to ensure the disc is centered between the brake pads.
- **Unstable Handlebar:** Ensure the self-locking clamp on the handlebar is tightened securely.

If the problem persists, please contact our customer service for assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	INSDRGN
Model Name	C14
Top Speed	20 mph
Maximum Distance Range	28 Miles
Motor Power	750W
Battery	48V 10.4AH (499Wh)
Charging Time	5 Hours
Tire Size	14 Inches (Pneumatic)
Weight Limit	330 Pounds
Frame Material	High Carbon Steel
Product Dimensions (LxWxH)	50"L x 26"W x 41"H
Brake Style	Rear Braking, Front Braking (Dual Disc)
Suspension Type	Dual Suspension

9. WARRANTY AND SUPPORT

INSDRGN provides a 12-month warranty for your electric scooter. If you encounter any quality problems or require assistance with the product, please feel free to contact our customer service staff. We are committed to providing the necessary support promptly.

For further inquiries or support, please visit our official website or contact us via the details provided on the product packaging.

