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› OOTD S10 Electric Scooter User Manual

DUOTTS S10

OOTD S10 Electric Scooter User Manual

Model: S10 | Brand: DUOTTS

INTRODUCTION

The DUOTTS OOTD S10 electric scooter is designed for efficient and enjoyable urban commuting, daily travel, and leisure. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your S10 electric scooter. Please read this manual thoroughly before first use to ensure proper handling and to maximize the lifespan of your product.

SAFETY INFORMATION

Operating an electric scooter carries inherent risks. To ensure your safety and the safety of others, please adhere to the following guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy rain, snow, or on icy surfaces. The scooter has an IPX4 waterproof rating, meaning it is resistant to splashing water from any direction, but not fully submersible.
- Maintain a safe distance from other vehicles and pedestrians.
- Regularly inspect your scooter for any signs of damage, loose parts, or wear before each ride.
- Ensure both brakes are functioning correctly before riding.
- Do not exceed the maximum load capacity of 120 kg (265 lbs).
- Children should only operate the scooter under direct adult supervision.

PACKAGE CONTENTS

Upon unpacking your OOTD S10 Electric Scooter, please verify that all the following items are included:

- 1 x OOTD S10 Foldable Electric Scooter (with complete accessories)
- 1 x User Manual

- 1 x Charger
- Installation Tools
- Front and Rear Fenders

SETUP AND ASSEMBLY

Your OOTD S10 electric scooter comes 99% pre-assembled. The primary assembly steps involve installing the front and rear fenders. Follow these general instructions:

1. **Unfolding the Scooter:** Carefully unfold the main stem until it locks into place. Ensure all locking mechanisms are securely engaged.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring all cables are properly connected and not pinched. Tighten any screws as indicated in the quick start guide (refer to included installation tools).
3. **Fender Installation:** Mount the front and rear fenders using the provided screws and tools. Ensure they are firmly attached and do not interfere with wheel rotation.
4. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and then to a power outlet. The charging indicator will show the charging status.

EXPLORE THRILL OF THE POWERFUL

1400

BRUSHLESS MOTOR



25KM/H
Top Speed



48V 20Ah
Battery



10"
Pneumatic Tires



15°
Max Incline

Image: The OOTD S10 electric scooter shown in both its folded and unfolded states. This image also highlights key specifications such as the 1400W brushless motor, 48V 20Ah battery, 10-inch pneumatic tires, and a maximum incline capability of 15 degrees, illustrating the scooter's robust design and performance features.

OPERATING INSTRUCTIONS

Powering On/Off and Display

To power on your scooter, press and hold the power button on the handlebar. The smart LCD display will illuminate, showing essential riding data. To power off, press and hold the power button again.



Image: A close-up view of the OOTD S10's smart LCD display, which provides real-time information such as speed mode, battery level, and light control status. The image also illustrates the scooter's support for a mobile application, allowing users to view riding records and other data on their smartphone.

Speed Modes

The OOTD S10 offers three distinct speed modes to suit various riding conditions and rider preferences:

- **Eco Mode:** For maximum range and energy efficiency.
- **Low Speed Mode:** A balanced mode for comfortable cruising.
- **High Speed Mode:** For maximum performance, reaching speeds up to 25 km/h.

Switch between modes using the designated button on the handlebar, as indicated on the LCD display.

Braking System

The scooter is equipped with a dual disc braking system on both the front and rear wheels for reliable stopping power. Apply both brake levers simultaneously for optimal braking performance and control.

Lighting and Indicators

The OOTD S10 features LED front and rear lights, turn signals, and side ambient lighting to enhance visibility and safety, especially during night riding. Activate lights using the control on the handlebar.



Image: The OOTD S10 electric scooter showcasing its comprehensive lighting system. This includes head-lights, head deco-lights, tail-lights, and decorative side lights, all designed to improve rider visibility and safety during operation, particularly in low-light conditions.

Folding Mechanism

The scooter features a quick two-step folding mechanism for easy transport and storage. This allows the scooter to be conveniently carried on public transport or stored in a car trunk or office space.

- **Unfolded Dimensions:** Approximately 121 cm (47.63 in) L x 62 cm (24.41 in) W x 130 cm (51.18 in) H.
- **Folded Dimensions:** Approximately 120 cm (47.63 in) L x 62 cm (24.41 in) W x 54.5 cm (21.46 in) H.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your OOTD S10 electric scooter.

- **Battery Care:**
 - Charge the battery fully before first use and after each ride.
 - Charging time is approximately 8 to 10 hours.
 - Do not overcharge or completely drain the battery.
 - Store the scooter in a cool, dry place when not in use, and ensure the battery has some charge if storing for extended periods.
- **Tire Maintenance:**
 - Regularly check the tire pressure of the 10-inch pneumatic tires. Maintain recommended pressure for optimal performance and safety.
 - Inspect tires for wear, punctures, or damage.
- **Brake System:**
 - Periodically check the disc brakes for proper function and wear on the brake pads. Adjust or replace as necessary.
- **Cleaning:**
 - Clean the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals.
 - Do not immerse the scooter in water.
- **General Inspection:**
 - Check all screws and bolts regularly to ensure they are tight.
 - Inspect the frame and suspension for any signs of damage or stress.

TROUBLESHOOTING

This section addresses common issues you might encounter with your OOTD S10 electric scooter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose connections; power button malfunction.	Charge the battery; check all cable connections; contact support if issue persists.
Reduced range or speed.	Low tire pressure; heavy load; riding uphill; cold weather; battery degradation.	Check and inflate tires; reduce load; ride on flatter terrain; ensure battery is fully charged.
Brakes feel weak.	Worn brake pads; loose brake cable; disc misalignment.	Inspect brake pads and replace if worn; adjust brake cable tension; check disc alignment.
Unusual noises during riding.	Loose components; debris in wheels; motor issue.	Inspect all parts for looseness; clear any debris; contact support if motor noise persists.

SPECIFICATIONS

Detailed technical specifications for the OOTD S10 Electric Scooter:

- **Model:** S10
- **Frame Material:** Aluminum Alloy
- **Waterproof Rating:** IPX4
- **Tires:** 10-inch Pneumatic Tires
- **Weight:** 27 kg (59 lbs)
- **Maximum Load:** 120 kg (265 lbs)
- **Maximum Speed:** 25 km/h (15.5 mph)
- **Maximum Climbing Angle:** 15°
- **Speed Modes:** 3 (Eco, Low Speed, High Speed)
- **Brakes:** Dual Disc Brakes (Front and Rear)
- **Maximum Mileage:** 60 to 70 km (37 to 43.5 miles) (Varies based on riding mode, temperature, road conditions, rider weight, etc.)
- **Battery:** 48V 20Ah Lithium-ion Cells
- **Charging Time:** 8 to 10 hours
- **Motor:** 1400W Brushless Motor
- **Motor Torque:** 25 NM
- **Lights:** LED Front and Rear Lights, Turn Signals, Side Ambient Lighting
- **Fenders:** Front and Rear
- **Unfolded Dimensions (L x W x H):** 121 x 62 x 130 cm (47.63 x 24.41 x 51.18 inches)
- **Folded Dimensions (L x W x H):** 120 x 62 x 54.5 cm (47.63 x 24.41 x 21.46 inches)
- **Applicable Height:** 150 to 200 cm (59 to 78.7 inches)
- **Suspension:** Dual Suspension (Front and Rear)

10 INCH BIG WHEELS

Front and Rear Double Shock Absorbers



265 LBS
Max Load Up



Image: An illustration demonstrating the superior driving range of the OOTD S10 electric scooter compared to other models. It highlights that the S10 can travel significantly longer distances on a single charge, reducing range anxiety for users. The stated range is determined under specific test conditions.

SMART LCD DISPLAY & SUPPORT APP



Speed Mode



Battery Level



Light Control



Riding Record



Image: The OOTD S10 electric scooter featuring its 10-inch large wheels and front and rear double shock absorbers. This design is engineered to effectively absorb shocks, providing a smoother and more comfortable riding experience even on uneven terrain. The image also indicates a maximum load capacity of 265 lbs.

WARRANTY

The DUOTTS OOTD S10 Electric Scooter comes with a limited warranty. Please refer to the warranty card included in your

package for specific terms, conditions, and duration of coverage. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you have any questions regarding the use, parts, or installation assistance for your OOTD S10 electric scooter, please do not hesitate to contact us. Our customer support team is available to assist you via email.

For support inquiries, please contact: support@duotts.com (*Note: This is a placeholder email address. Please refer to your product documentation for the actual support contact information.*)