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SOFLOW SO2 Air 2nd Gen.E

SOFLOW SO2 Air 2nd Gen.E Electric Scooter User Manual

Model: SO2 Air 2nd Gen.E

Brand: SOFLOW



1. INTRODUCTION

Thank you for choosing the SOFLOW SO2 Air 2nd Gen.E Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before first use to ensure optimal performance and rider safety. This electric scooter is designed for personal transportation and features road approval, a powerful motor, and a foldable design for convenience.



Image: The SOFLOW SO2 Air 2nd Gen.E Electric Scooter in its fully assembled, unfolded state, ready for use. It showcases the sleek design and robust build.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric scooters. This model has road

approval.

- Do not ride in heavy rain, on slippery surfaces, or in extreme weather conditions.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid riding under the influence of alcohol or drugs.
- Ensure all bolts and quick-release mechanisms are securely fastened before each ride.
- The maximum weight capacity for this scooter is 100 kg. Do not exceed this limit.
- Use the front and rear brakes effectively to control your speed and stop safely.

Starkes Frontlicht

Ein starkes Frontlicht sorgt für eine gute Sicht bei Dunkelheit.

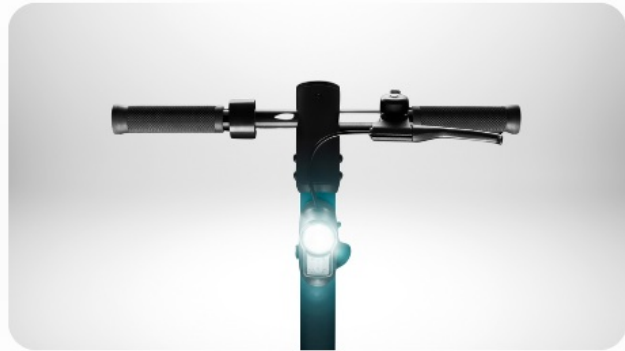


Image: A close-up view of the strong front light of the SOFLOW SO2 Air 2nd Gen.E Electric Scooter, highlighting its importance for visibility and safety during low-light conditions.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- SOFLOW SO2 Air 2nd Gen.E Electric Scooter
- Battery Charger
- User Manual (this document)

If any items are missing or damaged, please contact customer support immediately.

4. SETUP AND ASSEMBLY

The SOFLOW SO2 Air 2nd Gen.E Electric Scooter comes partially assembled. Follow these steps to prepare your scooter for its first ride:

1. **Unfolding the Scooter:** Carefully lift the handlebar stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
2. **Handlebar Assembly:** Insert the handlebar into the stem and tighten any securing screws or clamps as indicated in the quick start guide (if provided separately). Ensure the handlebars are firm and do not wobble.
3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port on the scooter and then to a power outlet. The charging indicator on the charger will change color (e.g., red to green) when fully charged. This typically takes up to 5 hours.
4. **Tire Check:** Verify that the 10-inch tires are properly inflated to the recommended pressure.



Image: The SOFLOW SO2 Air 2nd Gen.E Electric Scooter in its folded configuration, demonstrating its compact design for easy storage and transport.

5. OPERATING THE SCOOTER

Once assembled and charged, you are ready to operate your SOFLOW SO2 Air 2nd Gen.E Electric Scooter:

1. **Power On/Off:** Press and hold the power button on the handlebar to turn the scooter on or off.
2. **Display:** The integrated display shows important information such as speed, battery level, and riding mode. Familiarize yourself with the display indicators.
3. **Starting to Ride:** Place one foot on the footboard and push off with the other foot to gain some initial momentum. Once moving, gently press the throttle lever to engage the motor.
4. **Acceleration:** Use the throttle lever to control your speed. Be mindful of your surroundings and accelerate smoothly.
5. **Braking:** The scooter is equipped with front and rear braking systems. Use the brake levers on the handlebars to slow down or stop. Apply both brakes gently and evenly for stable braking.
6. **Riding Modes:** Your scooter may have different riding modes (e.g., Eco, Standard, Sport). Refer to the display and controls to switch between modes for varying speeds and power consumption.



Image: A detailed view of the SOFLOW SO2 Air 2nd Gen.E Electric Scooter's handlebar, showcasing the integrated display, throttle, and brake levers for intuitive control.



Lesbares & übersichtliches Display

Der SO2 Air E-Scooter ist ausgestattet mit einem großen & übersichtlichen Display.

Image: This image highlights the clear and readable display on the SOFLOW SO2 Air 2nd Gen.E Electric Scooter, providing essential ride information at a glance.

6. MAINTENANCE

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

- **Battery Care:** Charge the 7.5 Ah lithium battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery. Store the scooter in a cool, dry place.
- **Tire Pressure:** Check tire pressure periodically. Proper inflation is crucial for ride quality, range, and tire lifespan.
- **Brake Inspection:** Regularly inspect brake levers, cables, and pads for wear and proper function. Adjust or

replace components as needed.

- **Cleaning:** Clean the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Fasteners:** Periodically check all screws, bolts, and quick-release mechanisms to ensure they are tight and secure.
- **Suspension:** The dual suspension system requires minimal maintenance, but inspect for any visible damage or unusual noises.



Image: A close-up of the front wheel and dual suspension system of the SOFLOW SO2 Air 2nd Gen.E Electric Scooter, illustrating the robust design for a smooth ride.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connection; Power button malfunction	Charge battery; Check all cable connections; Contact support
Motor not engaging	Throttle issue; Brake engaged; Motor fault	Ensure throttle is pressed correctly; Check brake levers are fully released; Contact support
Reduced range	Under-inflated tires; Battery degradation; Riding conditions (hills, heavy load)	Inflate tires to recommended pressure; Ensure full charge; Adjust riding style
Brakes feel weak	Worn brake pads; Loose brake cable	Inspect and replace brake pads; Adjust brake cable tension

For issues not listed here or if solutions do not resolve the problem, please contact SOFLOW customer support.

8. SPECIFICATIONS

Detailed technical specifications for the SOFLOW SO2 Air 2nd Gen.E Electric Scooter:

Feature	Specification
Model Name	SO2 Air 2nd Gen.E
Model Number	300.420.02
Motor Power	350 W Hub Motor
Battery Type	7.5 Ah Lithium-ion
Max Range	Up to 30 km (18.6 miles)
Charging Time	Up to 5 hours
Wheel Size	10 Inches
Braking System	Front and Rear Braking
Suspension	Dual Suspension
Max Load Capacity	100 Kilograms (220 lbs)
Dimensions (L x W x H)	113.8 x 50 x 119 cm (44.8 x 19.7 x 46.9 inches)
Weight	17 kilograms (37.5 lbs)
Frame Material	Metal / Aluminum
Special Features	Foldable, Road Approved







9. WARRANTY INFORMATION

The SOFLOW SO2 Air 2nd Gen.E Electric Scooter comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official SOFLOW website for detailed terms and conditions regarding coverage, duration, and claim procedures. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For any questions, technical assistance, or service requests, please contact SOFLOW customer support. You can typically find contact information on the official SOFLOW website or on the packaging of your product. When contacting support, please have your scooter's model number (SO2 Air 2nd Gen.E or 300.420.02) and proof of purchase readily available.



 <p>SoFlow SO2 AIR MAX</p> <p>Comprehensive user manual for the SoFlow SO2 AIR MAX electric scooter, covering setup, safe riding, controls, app connectivity, and maintenance. Learn how to get started and enjoy your ride.</p>	<p>SoFlow SO2 AIR MAX User Manual - Operating Instructions</p> <p>Comprehensive user manual for the SoFlow SO2 AIR MAX electric scooter, covering setup, safe riding, controls, app connectivity, and maintenance. Learn how to get started and enjoy your ride.</p>
 <p>EVERCROSS EV85F</p> <p>Comprehensive user manual for the EVERCROSS EV85F electric scooter, covering product overview, assembly, charging, riding instructions, app connectivity, safety guidelines, maintenance, specifications, and warranty information.</p>	<p>EVERCROSS EV85F Electric Scooter User Manual</p> <p>Comprehensive user manual for the EVERCROSS EV85F electric scooter, covering product overview, assembly, charging, riding instructions, app connectivity, safety guidelines, maintenance, specifications, and warranty information.</p>
 <p>SoFlow SO2 AIR 3rd Gen</p> <p>Comprehensive user manual for the SoFlow SO2 AIR 3rd Gen electric scooter, covering setup, operation, safety, maintenance, and technical details. Learn to ride safely and get the most out of your electric scooter.</p>	<p>SoFlow SO2 AIR 3rd Gen Electric Scooter User Manual</p> <p>Comprehensive user manual for the SoFlow SO2 AIR 3rd Gen electric scooter, covering setup, operation, safety, maintenance, and technical details. Learn to ride safely and get the most out of your electric scooter.</p>
 <p>LENOXX ES60</p> <p>Comprehensive guide for the Lenoxx ES60 Smart E-Scooter, covering safety, operation, assembly, maintenance, and app usage. Learn how to safely ride and care for your electric scooter.</p>	<p>Lenoxx ES60 Smart E-Scooter User Manual and Safety Guide</p> <p>Comprehensive guide for the Lenoxx ES60 Smart E-Scooter, covering safety, operation, assembly, maintenance, and app usage. Learn how to safely ride and care for your electric scooter.</p>
 <p>HIBOY MAX</p> <p>Comprehensive user manual for the Hiboy MAX Electric Scooter, covering assembly, charging, riding instructions, safety guidelines, maintenance, specifications, and warranty information. Learn how to operate and care for your Hiboy MAX scooter safely and efficiently.</p>	<p>Hiboy MAX Electric Scooter User Manual & Guide</p> <p>Comprehensive user manual for the Hiboy MAX Electric Scooter, covering assembly, charging, riding instructions, safety guidelines, maintenance, specifications, and warranty information. Learn how to operate and care for your Hiboy MAX scooter safely and efficiently.</p>
 <p>HIBOY NEX5</p> <p>The Hiboy NEX5 Electric Scooter User Manual provides comprehensive instructions for assembly, operation, safety, maintenance, and troubleshooting. Learn about product features, LED display functions, riding guidelines, and warranty information for your electric scooter. Essential guide for all NEX5 owners.</p>	<p>Hiboy NEX5 Electric Scooter User Manual</p> <p>The Hiboy NEX5 Electric Scooter User Manual provides comprehensive instructions for assembly, operation, safety, maintenance, and troubleshooting. Learn about product features, LED display functions, riding guidelines, and warranty information for your electric scooter. Essential guide for all NEX5 owners.</p>