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OLA S1 X Gen 2

OLA S1 X Gen 2 (2 Kwh) Electric Scooter User Manual

Your guide to understanding, operating, and maintaining your OLA S1 X Gen 2 electric scooter.

PRODUCT OVERVIEW

The OLA S1 X Gen 2 (2 Kwh) is an electric scooter designed for efficient urban commuting. It features a 2 kWh battery, offering a range of 93 km and a top speed of 85 kmph. This model incorporates a PMSM motor and supports OTA updates for enhanced functionality.

Key features include:

- **Performance:** 93 km range, 85 kmph top speed, 5.8 kW PMSM Motor.
- **Battery:** 2 kWh capacity, 5 hours charge time, IP67 rated for water and dust resistance.
- **Design:** ABS Nylon Fibre body, physical key, 4.3-inch display showing odometer, speedometer, trip meter, range, battery, and clock.
- **Storage:** 34 L boot space.
- **Dimensions:** Vehicle Length 1860mm, Saddle Height 1298mm, Ground Clearance 160mm, Wheelbase 1359mm, Kerb Weight 101 Kg.
- **Advanced Features:** Advanced Regeneration, App controls, OTA updates, Vacation Mode.



Image: Front-side view of the OLA S1 X Gen 2 electric scooter, showcasing its design and proportions.

SETUP

1. Unpacking and Initial Inspection

Upon receiving your OLA S1 X Gen 2, carefully remove it from its packaging. Inspect the scooter for any visible damage that may have occurred during transit. Ensure all components, including the charger and physical key, are present.

2. Charging the Battery

Before first use, fully charge the scooter's 2 kWh battery. The charging process typically takes approximately 5 hours. Use only the official OLA charger provided with your scooter.

1. Locate the charging port on your scooter.
2. Connect the charger to a standard electrical outlet.
3. Connect the charger's output plug to the scooter's charging port.
4. Monitor the charging indicator on the scooter's display or charger.
5. Once fully charged, disconnect the charger from the scooter and then from the electrical outlet.

The battery is IP67 rated, providing protection against dust and temporary immersion in water, but it is recommended to charge in a dry environment.

3. Initial Checks

- Ensure tires are properly inflated (refer to tire sidewall for recommended pressure).
- Check brake functionality (front and rear drum brakes).
- Verify all lights (headlight, taillight, indicators) are working.
- Familiarize yourself with the physical key and its operation.

OPERATING INSTRUCTIONS

1. Starting the Scooter

1. Insert the physical key into the ignition and turn it to the 'ON' position.
2. The 4.3-inch display will illuminate, showing system status.
3. Ensure the side stand is up before attempting to move.
4. Twist the throttle gently to accelerate.

2. Understanding the Display

The 4.3-inch display provides essential riding information:

- **Odometer:** Total distance traveled.
- **Speedometer:** Current speed.
- **Trip Meter:** Distance for current trip.
- **Range:** Estimated remaining distance based on battery level and riding style.
- **Battery Indicator:** Current battery charge level.
- **Clock:** Current time.

3. Riding Modes and Features

Your OLA S1 X Gen 2 may feature different riding modes to optimize performance or range. Refer to the scooter's on-screen interface for mode selection. The scooter also includes:

- **Advanced Regeneration:** Recovers energy during deceleration, extending range.
- **App Controls:** Connect your scooter to the OLA app for additional features and monitoring.
- **OTA Updates:** Over-The-Air software updates keep your scooter's system current.
- **Vacation Mode:** Optimizes battery for long periods of inactivity.

4. Storage (Boot Space)

The scooter offers a 34 L boot space under the seat. To access, use the key or app control (if available) to unlock the seat. Ensure the seat is securely closed before riding.



Image: Side view of the OLA S1 X Gen 2 electric scooter, highlighting its profile and under-seat storage area.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your OLA S1 X Gen 2 electric scooter.

1. Battery Care

- Avoid completely draining the battery before recharging.
- Charge the battery regularly, even if the scooter is not in frequent use, especially when using Vacation Mode.
- Store the scooter in a cool, dry place when not in use to protect the battery.
- Do not expose the battery to extreme temperatures.

2. Tire Maintenance

- Check tire pressure weekly. Correct tire pressure is crucial for safety, range, and tire lifespan. The tire size is 90/90-R12 for both front and rear.
- Inspect tires for wear, cuts, or punctures regularly.

3. Brake System

- Regularly check the front and rear drum brakes for proper function and wear.
- If you notice reduced braking performance or unusual noises, have the brakes inspected by a qualified technician.

4. General Cleaning

- Clean the scooter regularly with a soft, damp cloth.
- Avoid using high-pressure washers directly on electrical components.
- Keep the display screen clean for clear visibility.



Image: Rear view of the OLA S1 X Gen 2 electric scooter, showing the taillight and rear wheel assembly.

TROUBLESHOOTING

This section addresses common issues you might encounter with your OLA S1 X Gen 2 electric scooter.

Problem	Possible Cause	Solution
Scooter does not start	Low battery, ignition off, side stand down.	Charge battery, turn ignition on, raise side stand.
Reduced range	Under-inflated tires, aggressive riding, cold weather, battery degradation.	Check tire pressure, ride conservatively, ensure proper battery charging and storage.
Brakes feel weak	Worn brake pads, improper adjustment.	Have brakes inspected and serviced by a qualified technician.
Display not working	Loose connection, system error.	Turn scooter off and on again. If issue persists, contact OLA support.

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

SPECIFICATIONS

Feature	Detail
Model	OLA S1 X Gen 2 (2 Kwh)
Motor Power	5.8 kW PMSM Motor
Top Speed	85 kmph
Range (IDC)	93 km
Battery Capacity	2 kWh
Charge Time	Approximately 5 hours
Battery Rating	IP67 Rated
Key Type	Physical Key
Display Type	4.3-inch display (odometer, speedometer, trip meter, range, battery, clock)
Boot Space	34 L
Tire Size	Front: 90/90-R12, Rear: 90/90-R12
Brakes	Front: Drum, Rear: Drum
Vehicle Length	1860 mm
Saddle Height	1298 mm
Ground Clearance	160 mm
Wheelbase	1359 mm
Kerb Weight	101 Kg
Special Features	Advanced Regeneration, App controls, OTA update, Vacation Mode
Voltage	51 Volts (DC)

WARRANTY INFORMATION

The OLA S1 X Gen 2 electric scooter comes with a **36 Month Warranty**. This warranty covers manufacturing

defects under normal use conditions. Please retain your purchase receipt as proof of purchase for warranty claims.

For detailed terms and conditions of the warranty, refer to the official warranty document provided with your purchase or visit the OLA official website.

CUSTOMER SUPPORT

If you require assistance, have questions, or need to report an issue with your OLA S1 X Gen 2 electric scooter, please contact OLA customer support.

- Refer to the contact information provided in your scooter's documentation.
- Visit the official OLA website for support resources and contact details.
- Utilize the OLA mobile application for support features, if available.