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> Husqvarna Lawn Xpert LE-322R Battery Powered Self Propelled Lawn Mower Instruction Manual

Husqvarna LE-322R

Husqvarna Lawn Xpert LE-322R Battery Powered Self Propelled Lawn Mower

Model: LE-322R | Brand: Husqvarna

1. SAFETY INFORMATION

Read this instruction manual carefully before using the lawn mower. Failure to follow instructions can result in serious injury or property damage. Keep this manual for future reference.

General Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Clear the mowing area of any objects such as rocks, sticks, wires, or toys that could be thrown by the blade.
- Do not operate the mower in wet grass or rain.
- Keep children, pets, and bystanders away from the mowing area.
- Never allow children to operate the lawn mower.
- Disconnect the battery before performing any maintenance, cleaning, or when leaving the mower unattended.
- Exercise extreme caution when operating on slopes. Mow across the face of slopes, never up and down.

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

2. PRODUCT OVERVIEW

The Husqvarna Lawn Xpert LE-322R is a battery-powered, self-propelled lawn mower designed for homeowner use, ideal for yards ranging from 1/4 to 1/2 acre. It features a durable, efficient brushless motor for effective cutting with zero emissions and low noise levels.

Key Features:

- **All-in-One Kit:** Includes two 7.5-amp hour BLi30 40V Lithium-Ion batteries and a charger.
- **Extended Runtime:** Designed for longer operation on a single charge, providing professional-grade results.

- **Efficient Brushless Motor:** Cuts through thick grass with 30% more ease compared to similar mowers, ensuring zero emissions and reduced noise.
- **Multiple Cutting Modes:** Offers sensing, mulching, and max power modes for versatile mowing.
- **Adjustable Walk Speed:** Allows users to set their preferred pace up to 4 miles per hour.
- **Space-Saving Design:** Folds easily and stands upright for compact storage and convenient transport.
- **LED Headlights:** Illuminates the cutting path for improved visibility in low-light conditions.
- **Active Cooling System:** Provides consistent power and extends battery life.
- **Interchangeable Battery System:** 40V batteries are compatible with other Husqvarna battery tools.



Figure 2.1: The Husqvarna Lawn Xpert LE-322R Self Propelled Lawn Mower, shown with its two 40V batteries and charger.



Figure 2.2: The Husqvarna Lawn Xpert LE-322R Mower positioned on a well-maintained green lawn, demonstrating its compact design and readiness for use.

3. SETUP

3.1 Assembly

The mower is designed for quick and easy assembly. Unfold the handle and secure it in place. Attach the collection bagger or mulch plug as needed for your desired cutting mode.

LE 322R LAWN XPERT™ BATTERY LAWN MOWER KIT



Kit includes:

- LE 322R Lawn Mower
- Collection bagger
- Discharge chute and mulch plug (not pictured)
- 7.5 Amp-hr Battery (x2)
- Charger



Figure 3.1: Components of the LE 322R Lawn Xpert kit, including the mower, collection bagger, discharge chute, mulch plug, two 7.5 Amp-hr batteries, and charger.

3.2 Battery Charging and Installation

Ensure batteries are fully charged before first use. Connect the charger to a power outlet and insert the batteries. The charger will indicate when charging is complete. Once charged, insert the batteries into the designated battery compartments on the mower.

Interchangeable Battery System

For use in all Husqvarna battery tools, our lithium-ion batteries are durable, easy to swap and recharge quickly



Figure 3.2: Illustration of the interchangeable battery system, showing a user inserting a 40V lithium-ion battery into the mower for quick swapping and recharging.

4. OPERATING INSTRUCTIONS

4.1 Starting the Mower

To start the mower, ensure batteries are installed. Press the power button on the handle, then pull the bail bar towards the handle. The mower will engage.

4.2 Adjusting Cutting Height

The mower features a single-point height adjustment lever. Adjust the cutting height from 1.5 inches to 4.5 inches to suit your lawn's needs. The minimum adjustable cutting height is 2.75 inches, and the maximum is 3 inches, providing 9 positions for precise control.

4.3 Selecting Cutting Modes

Choose from multiple cutting modes directly from the control panel:

- **Sensing Mode:** Automatically adjusts power based on grass density.
- **Mulching Mode:** Finely cuts grass clippings and returns them to the lawn as fertilizer.
- **Max Power Mode:** Provides maximum power for challenging conditions.



Multiple Cutting Modes

Includes auto-sensing, mulching and boost mode without any blade change



SENSING



MULCHING



MAX POWER

Figure 4.1: The mower's control panel, highlighting the options for Sensing, Mulching, and Max Power cutting modes, allowing for versatile operation without blade changes.

4.4 Adjusting Walk Speed

The self-propelled feature allows you to adjust the walk speed up to 4 miles per hour, enabling you to mow at your own comfortable pace.



Adjustable Walk Speed

Mow at your own pace with an adjustable walk speed up to 4 mph

Figure 4.2: The adjustable walk speed control on the mower's handle, allowing users to set their preferred mowing pace up to 4 mph.

4.5 LED Headlights

The integrated LED headlights provide illumination for your cutting path, useful during early morning or late evening operation.



Figure 4.3: A close-up view of the mower's front, showcasing the bright LED headlights designed to illuminate the cutting path for enhanced visibility.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Husqvarna Lawn Xpert LE-322R mower.

5.1 Cleaning

- After each use, clean grass clippings from the mower deck, wheels, and handle.
- For thorough cleaning of the underside, utilize the space-saving design to stand the mower upright.

5.2 Blade Care

Inspect the blade regularly for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. Replace or sharpen the blade as needed by a qualified service technician.

5.3 Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not expose batteries to water or moisture.
- Charge batteries fully before long-term storage.

5.4 Storage

Thanks to its space-saving design, the mower can be folded and stored vertically, minimizing the required storage footprint.



Space-Saving Design

Easily folds and stands for compact storage

Figure 5.1: The mower demonstrating its space-saving design, folded and standing upright for compact storage in a garage or shed.

6. TROUBLESHOOTING

If you encounter issues with your Husqvarna Lawn Xpert LE-322R mower, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Mower does not start	Battery not charged or improperly installed; Bail bar not engaged; Power button not pressed.	Ensure batteries are fully charged and correctly inserted. Engage the bail bar and press the power button.
Poor cutting performance	Dull or damaged blade; Grass too wet or too tall; Mower deck clogged.	Inspect and sharpen/replace blade. Wait for grass to dry. Clean mower deck.
Short runtime	Batteries not fully charged; Mowing very thick/tall grass; Extreme temperatures.	Fully charge batteries. Use appropriate cutting mode (e.g., Sensing) for grass conditions. Operate in moderate temperatures.
Self-propel not working	Speed setting too low; Drive mechanism issue.	Increase the walk speed setting. If issue persists, contact customer support.

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

7. SPECIFICATIONS

Feature	Specification
Brand	Husqvarna
Model Number	LE-322R (970607602)
Power Source	Battery Powered (40V Lithium-Ion)
Motor Type	Brushless
Cutting Width	21.0 inches
Cutting Height Positions	9 positions
Min. Cutting Height	2.75 inches
Max. Cutting Height	3 inches
Item Weight	102 Pounds
Product Dimensions (LxWxH)	43"D x 22"W x 18"H
UPC	193028587315

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Husqvarna Lawn Xpert LE-322R comes with a**3-Year Limited Consumer Product + Battery Warranty**. Please retain your proof of purchase for warranty claims.



Figure 8.1: The official Husqvarna 3-Year Limited Consumer Product + Battery Warranty badge, indicating coverage for the product and its included batteries.

8.2 Customer Support

For technical assistance, replacement parts, or warranty service, please visit the official Husqvarna website or contact their customer support line. Refer to the product packaging or the Husqvarna website for the most current contact information.

You can also visit the [Husqvarna Store on Amazon](#) for additional product information and support resources.

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