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› EGO POWER+ Electric Lawn Mower LM2123SP-2 User Manual

EGO Power+ LM2123SP-2

EGO POWER+ 21" Self-Propelled Electric Lawn Mower User Manual

Model: LM2123SP-2 | Brand: EGO Power+

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your EGO POWER+ 21" Self-Propelled Electric Lawn Mower (Model LM2123SP-2). Please read this manual thoroughly before initial use and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and extend the lifespan of your lawn mower.



Figure 1: EGO POWER+ 21" Self-Propelled Electric Lawn Mower with included 4.0Ah and 6.0Ah batteries and rapid charger.

SAFETY INFORMATION

WARNING: Always read the owner's manual before use and ensure proper handling to prevent accidents and injuries.

Familiarize yourself with all safety warnings and instructions provided in this manual. Failure to follow these warnings may result in serious injury or property damage. Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, and sturdy footwear when operating the lawn mower.

PRODUCT OVERVIEW

The EGO POWER+ LM2123SP-2 is a 21-inch self-propelled cordless electric lawn mower designed for efficient lawn care. It features a high-efficiency brushless motor and Touch Drive™ self-propelled technology.

Key Features:

- **Touch Drive Self-Propelled Technology:** Engage the self-propel function with the touch of your palm and adjust speed with a dial.
- **Powerful Brushless Motor:** Delivers up to 6.0 ft-lbs of cutting torque, exceeding gas-powered mowers.
- **Extended Runtime:** Up to 80 minutes of combined runtime with included 56V 4.0Ah and 6.0Ah ARC Lithium™ batteries.
- **7 Cutting Height Settings:** Easily adjust deck height from 1.25 to 4 inches with one hand.
- **3-in-1 Functionality:** Supports mulching, side discharge, or bagging.
- **Convenient Start:** Quick and easy push-button start.
- **Additional Features:** Bright LED headlights and IPX4 weather resistance.



Figure 2: EGO Power+ is recognized as a leading brand in cordless outdoor power equipment.



Figure 3: The mower's powerful motor delivers significant cutting torque for effective performance.

SETUP

Unpacking and Assembly:

1. Carefully remove all components from the packaging.
2. Unfold the handle and secure it in place using the quick-release levers. Ensure the handle is fully extended and locked.
3. Attach the grass collection bag (if using) or the side discharge chute.
4. Insert a fully charged EGO 56V ARC Lithium™ battery into the battery compartment.

Handle Adjustment:

The handle height can be adjusted for user comfort. Loosen the handle locks, adjust to the desired height, and re-tighten the locks securely.

OPERATING INSTRUCTIONS

Starting the Mower:

1. Ensure a charged battery is inserted.
2. Press and hold the safety button on the handle.
3. Pull the bail switch lever towards the handle. The motor will start.

Touch Drive™ Self-Propelled System:

The Touch Drive™ system allows for variable speed control. Apply pressure to the handle to engage the self-propel function. Use the speed adjustment dial located on the handle to increase or decrease the mowing speed.



Figure 4: The Touch Drive™ system provides intuitive speed control directly from the handle.



Figure 5: Pressure-engaged touch system delivers complete control in the palm of your hands. Easily adjust the speed with a scroll of the dial positioned at your fingertips.

Cutting Height Adjustment:

A single lever on the mower deck allows for quick adjustment of cutting height. Choose from 7 positions, ranging from 1.25 inches to 4 inches, to suit your lawn's needs.



Figure 6: Adjust deck height between 7 different height settings from 1.25 inch to 4 inches.

Mowing Tips:

- Mow when the grass is dry for best results.
- Avoid cutting more than one-third of the grass blade length at a time.
- Overlap cutting paths slightly to ensure even coverage.
- For thick or tall grass, consider making two passes, raising the cutting height for the first pass.

BATTERY AND CHARGING

Your EGO POWER+ mower comes with a 56V 4.0Ah and a 6.0Ah ARC Lithium™ battery, along with a rapid charger.

Charging the Batteries:

1. Connect the rapid charger to a power outlet.
2. Slide the battery into the charger until it clicks into place.
3. The charger's indicator lights will show the charging status. A 4.0Ah battery typically charges in 30 minutes, and a 6.0Ah battery in 45 minutes.
4. Once fully charged, remove the battery from the charger.

POWER⁺ SYSTEM
ARC[™] 56V
LITHIUM
ALL BATTERIES POWER ALL TOOLS

30 MINUTE CHARGE TIME (4.0AH)
45 MINUTE CHARGE TIME (6.0AH)

UP TO 60 MINUTES OF RUN TIME

**FUEL GAUGE DISPLAYS
REMAINING POWER LEVEL**

**INCLUDES BA2242T 4.0AH BATTERY, BA3360T 6.0 AH BATTERY
AND CH5500 550W RAPID CHARGER**

Figure 7: The EGO POWER+ ARC Lithium 56V system includes batteries and a rapid charger for quick turnaround times.

ARC 56V
LITHIUM

RUNS LONGER CHARGES FASTER

EGO's patented technology maximizes power and runtimes. Industry-leading recharge times get you back to work in as little as 25 minutes.



Figure 8: EGO's patented technology maximizes power and runtimes, with industry-leading recharge times.

Battery Care:

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not expose batteries to water or moisture.
- For long-term storage, charge batteries to approximately 50% capacity.

MAINTENANCE

Cleaning:

- After each use, disconnect the battery and clean the mower deck and exterior with a damp cloth.
- Remove any grass clippings or debris from the blade area and vents.
- Do not use water hoses or high-pressure washers directly on the mower.

Blade Care:

- Regularly inspect the blade for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn.
- If the blade is dull or damaged, it should be sharpened or replaced by a qualified service technician.

Storage:

The EGO POWER+ mower features a compact folding design for easy storage. Fold the handle down and store the mower upright in a dry, secure location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Mower does not start	Battery not inserted correctly or discharged; Safety button/bail switch not engaged.	Ensure battery is fully charged and properly seated. Engage safety button and pull bail switch.

Problem	Possible Cause	Solution
Reduced cutting performance	Dull or damaged blade; Mower deck clogged with grass.	Sharpen or replace blade. Clean mower deck and blade area.
Excessive vibration	Damaged or unbalanced blade; Loose components.	Inspect blade for damage and balance. Check all fasteners for tightness. Seek professional service if vibration persists.
Self-propel not working	Touch Drive™ system not engaged; Speed dial set to minimum.	Apply pressure to the handle to engage. Adjust speed dial to a higher setting.

SPECIFICATIONS

Attribute	Detail
Brand	EGO Power+
Model Number	LM2123SP-2
Power Source	Battery Powered (56V ARC Lithium™)
Cutting Width	21 Inches
Cutting Height Positions	7 (1.25 to 4 Inches)
Functionality	Mulching, Bagging, Side Discharge
Item Weight	90 Pounds
Product Dimensions	67.5"D x 22.4"W x 36.6"H
Batteries Included	1 x 4.0Ah, 1 x 6.0Ah Lithium Ion
Charger Included	Rapid Charger

WARRANTY AND SUPPORT

EGO Power+ products are backed by a comprehensive warranty. For specific warranty details, registration, or technical support, please refer to the warranty card included with your product or visit the official EGO Power+ website. You can also contact customer support via the information provided on the product packaging or the brand's official channels. For additional resources and product information, visit the [EGO Power+ Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question