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EGO Power+ ZT5216L

EGO POWER+ Z6 Zero Turn Riding Lawn Mower ZT5216L

Instruction Manual

INTRODUCTION

The EGO POWER+ 52" Z6 Zero Turn Riding Lawn Mower (Model ZT5216L) is engineered for superior cutting performance, offering the power of a 27-horsepower gas engine without the associated noise, mess, or fumes. This electric riding mower utilizes Peak Power™ technology, combining up to six EGO 56V ARC Lithium™ batteries to provide extensive runtime, capable of mowing up to 3.0 acres on a single charge. Designed for precision and agility, it features pinpoint handling and 360-degree turns, making navigation around obstacles effortless. The wide frame design ensures stability on slopes, while the deck suspension system contributes to a quiet operation. Innovative features include a customizable color digital screen, USB-C charging, LED lights, and multiple driving modes (Control, Standard, Sport) with speeds up to 8 MPH. This manual provides essential information for the safe and efficient operation and maintenance of your EGO POWER+ Z6 Zero Turn Riding Lawn Mower.



Figure 1: EGO POWER+ Z6 Zero Turn Riding Lawn Mower (ZT5216L) with 52-inch deck.

SETUP

1. Battery Installation

The EGO POWER+ Z6 mower is powered by EGO 56V ARC Lithium™ batteries. It requires a minimum of 15Ah to operate, but can accommodate up to six batteries for extended runtime. To install batteries:

1. Open the battery compartment located under the seat.
2. Insert the 56V ARC Lithium™ batteries into the designated slots. Ensure they are securely latched.
3. Close the battery compartment cover.



Figure 2: Battery compartment showing multiple EGO 56V ARC Lithium batteries for Peak Power technology.

2. Initial Charging

Before first use, ensure all batteries are fully charged using the included 880W charger. The mower features a convenient charging port on the side.

1. Locate the charging port on the side of the mower (refer to Figure 3).
2. Connect the 880W charger to the port and a suitable power outlet.
3. Monitor the charging status via the mower's digital screen or battery indicators.



Figure 3: A hand inserting an EGO 56V ARC Lithium battery into the mower's battery slot.

3. Seat Adjustment

Adjust the seat for optimal comfort and control.

- Use the seat adjustment lever to slide the seat forward or backward.
- Adjust the suspension for a softer or firmer ride as desired.

OPERATING INSTRUCTIONS

1. Starting the Mower

1. Ensure the parking brake is engaged.
2. Insert the key into the ignition slot.
3. Press and hold the Start/Stop button until the mower powers on.

2. Digital Control Panel

The mower features a color digital screen to customize your mowing experience.

- **Driving Speed:** Adjust the speed settings using the controls on the steering wheel.
- **Driving Mode:** Select from Control, Standard, or Sport modes. Sport mode offers a maximum mowing speed of 8 MPH.
- **Blade Speed:** Customize blade speed from 2,300 to 3,200 RPM for optimal cutting in various grass conditions.
- **Cruise Control:** Engage for consistent speed on open terrain.
- **Battery Status:** Monitor individual battery charge levels and overall power percentage.



Figure 4: Close-up of the EGO POWER+ Z6 digital control panel, showing battery status, driving modes, and other customizable settings.

3. Cutting Height Adjustment

Adjust the cutting height using the dedicated lever.

- The mower offers 10 easily adjustable cutting height settings, ranging from 1.5 to 4.5 inches.
- Select the appropriate height based on grass type and desired lawn appearance.



Figure 5: The EGO POWER+ Z6 mower in action, highlighting its dual blade cutting system and adjustable cutting height.

4. Mowing Techniques

- Utilize the zero-turn radius for precise maneuvering around obstacles.
- For optimal results, overlap each pass slightly.
- The mower's wide frame design provides stability on slopes; however, exercise caution and follow safety guidelines when operating on uneven terrain.

360-DEGREE MOWING



Pinpoint handling and 360-degree mowing enables you to navigate around obstacles like trees, flower beds, and fences with speed and agility

Figure 6: Aerial view demonstrating the EGO POWER+ Z6's 360-degree mowing capability and precise handling around obstacles.

MAINTENANCE

The EGO POWER+ Z6 requires less routine maintenance compared to gas mowers, as there are no oil changes, spark plugs, or air filters. However, regular cleaning and inspection are crucial for longevity.

1. Cleaning the Mower Deck

Regularly clean the mower deck to prevent grass buildup and ensure efficient cutting.

- The mower features an IPX5-rated weather-resistant construction, allowing for easy cleaning with water.
- After each use, remove any accumulated grass clippings from the underside of the deck.

IPX5-RATED

Weather-resistant construction



Figure 7: A person cleaning the EGO POWER+ Z6 mower with a hose, demonstrating its IPX5 weather-resistant design.

2. Battery Care

- Store batteries in a cool, dry place.
- Avoid fully discharging batteries before recharging to prolong their lifespan.

3. Blade Inspection

- Periodically inspect the dual blades for sharpness and damage.
- Replace or sharpen blades as needed to maintain cutting quality.

TROUBLESHOOTING

If you encounter issues with your EGO POWER+ Z6 mower, consider the following common solutions:

- **Mower not starting:** Ensure batteries are fully charged and properly seated. Check that the key is inserted and the

Start/Stop button is pressed correctly. Verify the parking brake is engaged.

- **Reduced runtime:** Confirm all batteries are fully charged. Performance may decrease in very thick or wet grass; try adjusting blade speed or driving mode.
- **Uneven cut:** Inspect blades for sharpness and damage. Ensure the mower deck is clean and free of debris. Verify cutting height is set evenly.
- **Unusual noise/vibration:** Immediately turn off the mower and inspect the blades and deck for any obstructions or damage.

For persistent issues, please refer to the detailed troubleshooting section in the full product manual or contact EGO Power+ customer support.

SPECIFICATIONS

Feature	Specification
Brand	EGO Power+
Model Number	ZT5216L
Power Source	Battery Powered (56V ARC Lithium™)
Deck Size	52 Inches (10-gauge fabricated steel)
Battery Capacity	Includes (6) 10.0Ah Batteries
Charger	880W Charger
Runtime	Up to 3.0 acres on a single charge
Max Mowing Speed	8 MPH (Sport Mode)
Cutting Height Settings	10 positions (1.5 to 4.5 inches)
Blade Speed	2,300 to 3,200 RPM
Weather Resistance	IPX5-rated
Item Weight	685 Pounds
Product Dimensions	76.8"D x 40.2"W x 63"H
UPC	195532103715
GTIN	195532103715

WARRANTY INFORMATION

The EGO POWER+ Z6 Zero Turn Riding Lawn Mower comes with an industry-leading warranty, subject to registration:

- **Mower:** Up to 5-year (or 300 hours) limited warranty.
- **Batteries:** 3- to 5-year warranty.
- **Charger:** 3-year warranty.

Please refer to the official EGO Power+ website or your product documentation for complete warranty terms and conditions, including registration requirements.

SUPPORT

For further assistance, product registration, or to explore other EGO Power+ products, please visit the official EGO Power+ Store or contact customer service.

- **Online Support:** [Visit the EGO Power+ Store](#)
- **Customer Service:** Refer to your product packaging or the EGO Power+ website for contact information.