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- › EGO Power+ /
- › EGO Power+ LB6504 650 CFM Cordless Leaf Blower User Manual

EGO Power+ LB6504

EGO Power+ LB6504 650 CFM Cordless Leaf Blower User Manual

Model: LB6504

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your EGO Power+ LB6504 650 CFM Variable-Speed 56-Volt Lithium-ion Cordless Leaf Blower. Please read and understand all instructions before using the product to ensure optimal performance and user safety. Keep this manual for future reference.



Figure 1.1: EGO Power+ LB6504 Blower Kit, including the blower, 5.0Ah battery, and charger.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

General Safety Precautions:

- **Read all instructions:** Familiarize yourself with the controls and proper use of the appliance.
- **Wear appropriate personal protective equipment (PPE):** Always wear eye protection (safety glasses), hearing protection, and long pants, long sleeves, gloves, and sturdy footwear.
- **Keep bystanders away:** Do not allow children or untrained individuals to operate the blower. Keep children, pets, and bystanders at a safe distance from the operating area.
- **Inspect the work area:** Before operation, clear the area of debris that could be thrown by the air stream.
- **Avoid dangerous environments:** Do not use the blower in wet or damp conditions, or in the presence of flammable liquids or gases.
- **Maintain balance and footing:** Do not overreach. Always keep proper footing and balance.
- **Secure loose hair and clothing:** Ensure long hair is tied back and loose clothing is secured to prevent entanglement in moving parts.
- **Never point the nozzle at people or animals:** The powerful air stream can cause injury.

Battery and Charger Safety:

- **Use only specified batteries and chargers:** Use only EGO Power+ 56V ARC Lithium batteries and EGO Power+ chargers. Using other batteries or chargers may create a risk of injury and fire.
- **Do not expose to water or moisture:** Keep the battery pack and charger away from water.
- **Avoid short-circuiting:** Do not allow metal objects to contact the battery terminals.
- **Do not incinerate battery packs:** Battery packs can explode in a fire.
- **Store batteries properly:** Store battery packs in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Charge in a well-ventilated area:** Ensure adequate ventilation when charging batteries.

3. PRODUCT OVERVIEW

The EGO Power+ LB6504 is a high-performance cordless leaf blower designed for efficient debris clearing. It features a brushless motor, variable speed control, and a turbo boost function.

Included Components:

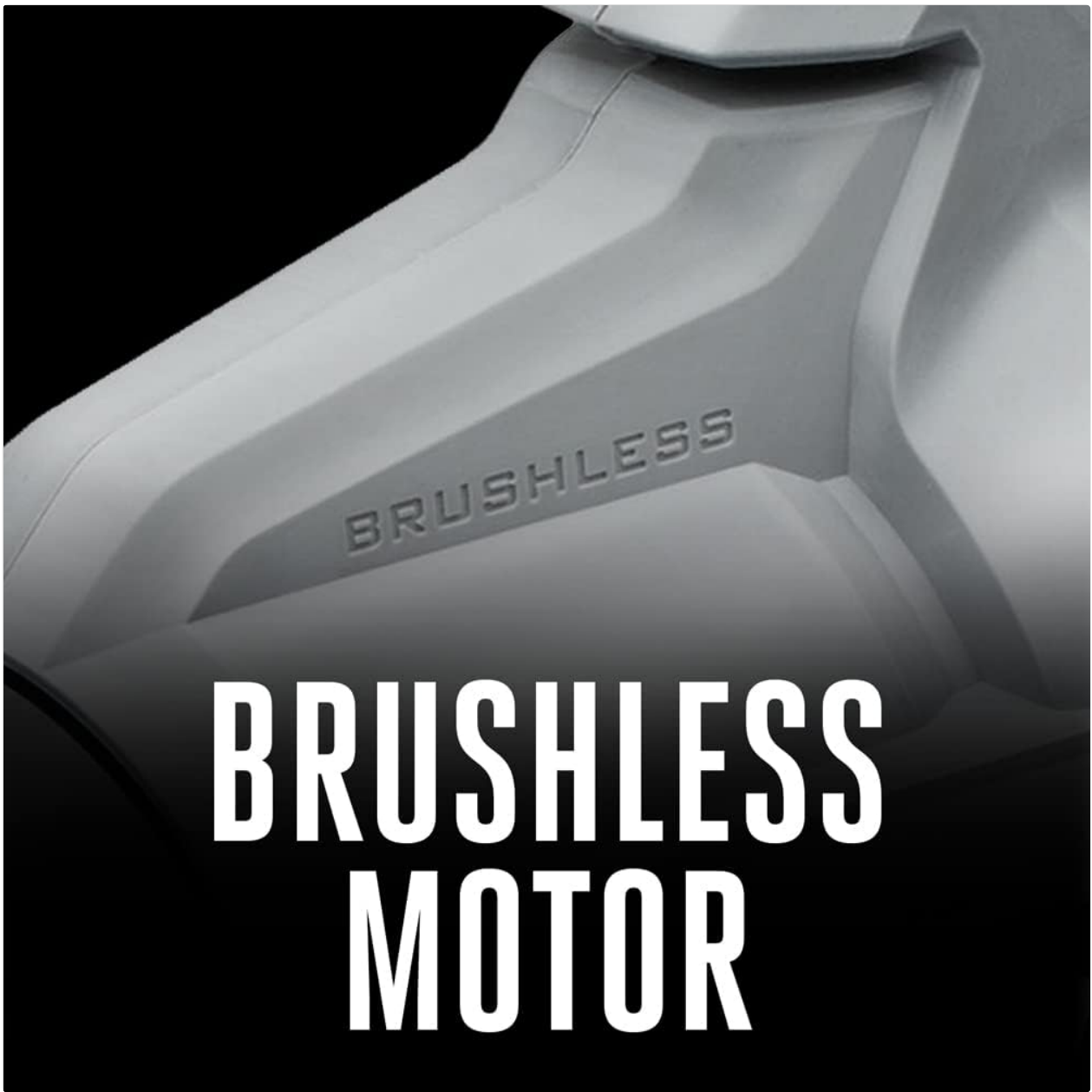
- (1) 650 CFM Handheld Blower [LB6500]
- (1) 56V 5.0Ah ARC Lithium Battery [BA2800T]
- (1) 56V Standard Charger [CH2100]
- (1) Flat Nozzle [AN6000F]
- (1) Cone Nozzle [AN6000R]

Key Features:

- **650 CFM Airflow:** Delivers powerful air volume for moving wet leaves, rocks, mud, and snow.
- **Variable Speed Trigger with Lock-on Dial:** Allows precise control over airflow from 225 to 500 CFM.
- **Turbo Button:** Provides an instant boost to 650 CFM and air speeds up to 180 MPH for heavy debris.
- **High-Efficiency Brushless Motor:** Ensures longer runtimes, reduced vibration, and extended motor life.
- **56V ARC Lithium Battery:** Provides up to 90 minutes of runtime with the included 5.0Ah battery. Compatible with all EGO 56V ARC Lithium tools.
- **Ergonomic Design:** Engineered for comfortable handling and reduced user fatigue.



Figure 3.1: The blower's internal design facilitates a powerful 650 CFM airflow.



BRUSHLESS MOTOR

Figure 3.2: The high-efficiency brushless motor contributes to extended tool life and performance.



Figure 3.3: The included flat and cone nozzles for various clearing tasks.

4. SETUP

4.1 Charging the Battery:

1. Connect the charger (CH2100) to a standard power outlet. The charger indicator light will illuminate.
2. Slide the 56V ARC Lithium battery (BA2800T) into the charger until it clicks into place.
3. The charger's LED indicator will show the charging status. A full charge typically takes approximately 100 minutes for the 5.0Ah battery.
4. Once fully charged, remove the battery from the charger.



Figure 4.1: The 56V ARC Lithium battery and charger, showing LED indicators for charge status.

4.2 Attaching a Nozzle:

1. Select either the flat nozzle (AN6000F) or the cone nozzle (AN6000R) based on your application. The flat nozzle is ideal for wider areas, while the cone nozzle provides a more concentrated airflow.
2. Align the chosen nozzle with the blower tube outlet.
3. Push the nozzle onto the blower tube and twist slightly until it locks securely into place.



Figure 4.2: The blower with the flat nozzle attached for wider coverage.



Figure 4.3: The blower with the cone nozzle attached for concentrated airflow.

4.3 Installing the Battery:

1. Ensure the blower is turned off.
2. Align the grooves on the battery pack with the ribs in the blower's battery port.
3. Slide the battery into the port until it clicks securely into place. Ensure it is fully seated.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping the Blower:

1. To start the blower, press and hold the safety lock-off button, then squeeze the variable speed trigger.
2. To stop the blower, release the variable speed trigger.

5.2 Variable Speed Control:

- The blower features a variable speed trigger that allows you to control the airflow from 225 CFM to 500 CFM. Squeeze the trigger gently for lower speeds and more firmly for higher speeds.
- Use the lock-on speed control dial to set a continuous speed without holding the trigger. Rotate the dial to increase or decrease the speed.



Figure 5.1: The variable speed dial allows precise control over airflow.

5.3 Turbo Boost Function:

- For maximum power (650 CFM), press the turbo button located on the handle. This will temporarily increase the airflow to its highest setting.
- Release the turbo button to return to the previously set speed.

TURBO BUTTON



Figure 5.2: The turbo button provides an instant power boost for stubborn debris.

5.4 General Operation Tips:

- Start blowing at the edge of the debris pile and work inwards.
- Use a sweeping motion to move leaves and debris effectively.
- For heavy, wet debris, use the turbo function in short bursts to conserve battery life.



Figure 5.3: Demonstrating effective use of the blower to clear a path.



Figure 5.4: The blower in use for general yard maintenance.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your EGO Power+ Blower.

6.1 Cleaning:

- **Exterior:** After each use, wipe down the exterior of the blower with a clean, damp cloth. Do not use strong detergents or solvents.
- **Air Vents:** Keep the air vents free from dust and debris to prevent overheating. Use a soft brush or compressed air if necessary.
- **Nozzles:** Clean any debris from inside the nozzles.

6.2 Battery Care and Storage:

- **Charging:** Always charge the battery fully before storing for extended periods.
- **Storage Temperature:** Store batteries in a cool, dry place between 50°F (10°C) and 80°F (27°C). Avoid

direct sunlight and extreme temperatures.

- **Long-term Storage:** For storage longer than 30 days, store the battery at approximately 30%–50% charge. Recharge every six months.

6.3 Blower Storage:

- Remove the battery pack from the blower before storing.
- Store the blower in a dry, well-ventilated area, out of reach of children.
- Protect the blower from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your EGO Power+ Blower, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Blower does not start	Battery not installed correctly Battery charge is low Safety lock-off button not pressed	Ensure battery is fully seated and clicked into place Charge the battery fully Press the safety lock-off button before squeezing the trigger
Reduced airflow/power	Nozzle partially blocked Battery charge is low Air vents are obstructed	Clear any debris from the nozzle Charge the battery fully Clean the air vents on the blower housing
Blower stops during operation	Battery overheated Battery charge is depleted	Allow battery to cool down before resuming use Recharge the battery

8. SPECIFICATIONS

Specification	Detail
Brand	EGO Power+
Model Number	LB6504
Power Source	Battery Powered
Voltage	56 Volts
Air Flow Capacity	650 Cubic Feet Per Minute (CFM)
Air Speed	Up to 180 Miles per Hour (MPH)
Noise Level	64 Decibels
Item Weight	12.9 Pounds (with battery)
Product Dimensions	36"L x 6"W x 9.8"H
Battery Type	Lithium Ion (5.0Ah included)
UPC	692042011672

9. WARRANTY AND SUPPORT

EGO Power+ stands behind its products with comprehensive warranty coverage.

- **Tool Warranty:** The EGO Power+ LB6504 Blower is covered by a **5-year limited warranty**.
- **Battery & Charger Warranty:** The included 56V ARC Lithium battery and charger are covered by a **3-year limited warranty**.

For warranty claims, technical support, or to purchase replacement parts, please contact EGO Power+ customer service or visit their official website. Keep your proof of purchase for warranty validation.



Figure 9.1: EGO Power+ warranty details for the tool, battery, and charger.