

Ingco APLI2015

INGCO 20V Brushless Random Orbital Polisher

Model: APLI2015

1. INTRODUCTION

Thank you for choosing the INGCO 20V Brushless Random Orbital Polisher. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

This polisher is designed for various polishing and waxing applications, including automotive surfaces, glass, and tiles, providing a smooth and efficient finish.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** This is a cordless tool. Ensure the battery pack is compatible with the polisher. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection (safety glasses or goggles) and hearing protection. Use a dust mask if operating in dusty conditions. Dress properly; avoid loose clothing or jewelry that can get caught in moving parts.
- **Tool Use and Care:** Do not force the tool. Use the correct tool for your application. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool. Store idle tools out of the reach of children.
- **Battery Pack Safety:** Use only the specified INGCO 20V Li-ion battery pack. Do not incinerate the battery pack even if it is severely damaged.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your INGCO Random Orbital Polisher.



Figure 3.1: Key components of the polisher, including the 6 Variable Speed Dial, Speed Trigger, Auto-lock Button, Brushless Motor, Dustproof Cover, Heat Dissipation vents, and 6" Backing Plate.

Key Features:

- **Brushless Motor:** Provides stable speed, lower noise, and higher efficiency, reducing machine track damage.
- **6 Variable Speeds:** Adjustable from 2000 RPM to 4500 RPM to suit different polishing needs.
- **Safety Lock Button:** Prevents accidental startup, enhancing user safety and workflow efficiency.
- **150mm Polishing Pad Diameter:** Suitable for a wide range of polishing tasks.

4. SETUP

Before operating the polisher, ensure it is properly set up.

4.1 Battery Installation

BATTERY & CHARGER NOT INCLUDED



P20S Same Battery 200+ tools

Figure 4.1: The INGCO polisher is sold as a bare tool; battery and charger are not included.

Note: The INGCO polisher is a bare tool and is only powered by INGCO 20V Li-ion batteries, which are compatible with all INGCO Li-ion 20V power products. Battery and charger are sold separately.

1. Ensure the polisher is turned off and the speed trigger is disengaged.
2. Align the battery pack with the battery port on the polisher handle.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove the battery, press the release button on the battery pack and slide it out.

4.2 Attaching the Polishing Pad

1. Ensure the polisher is off and the battery is removed.
2. Align the polishing bonnet (included) or desired polishing pad with the 6" backing plate.
3. Press the pad firmly onto the backing plate to ensure it is securely attached via the hook-and-loop system.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your polisher.

5.1 Powering On/Off

1. Ensure the battery is securely installed.
2. To start the polisher, press the Speed Trigger.
3. To stop the polisher, release the Speed Trigger.

5.2 Using the Safety Lock Button



AUTO-LOCK BUTTON
for enhanced user protection
preventing accidental start up

Figure 5.1: The auto-lock button provides enhanced user protection by preventing accidental startup.

The safety lock button prevents accidental activation of the polisher. To engage the tool, you must first press the safety lock button before pressing the speed trigger.

5.3 Adjusting Speed



6 VARIABLE SPEED

No-load Speed: 2000-4500RPM

Figure 5.2: The 6 variable speed dial allows adjustment of the no-load speed from 2000-4500 RPM.

The polisher features a 6-position variable speed dial located on the top of the tool. Rotate the dial to select the desired speed setting (2000-4500 RPM) based on the material and application. Lower speeds are suitable for spreading compounds, while higher speeds are for polishing and finishing.

5.4 Application Examples



Figure 5.3: The INGCO polisher is versatile for various tasks including car waxing, glass polishing, tile polishing, and floor working.

- **Car Waxing:** Apply a small amount of wax or polish to the pad or directly to the surface. Start at a low speed to spread the product, then increase speed for polishing.
- **Glass Polishing:** Use a suitable glass polishing compound and pad. Work in small sections to achieve a clear finish.
- **Tile Polishing:** Ensure tiles are clean. Use appropriate polishing compounds and pads for ceramic or stone tiles.

Always apply light, even pressure and keep the polisher moving to avoid heat buildup and swirl marks.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your polisher.

- **Cleaning:** After each use, wipe down the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the dustproof cover and heat dissipation vents are clear of debris.
- **Pad Care:** Clean polishing pads regularly according to their specific instructions. Replace worn or damaged pads to

ensure effective polishing.

- **Storage:** Store the polisher in a dry, secure location, out of reach of children and away from direct sunlight or extreme temperatures. Remove the battery pack before long-term storage.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose screws, or worn parts. If any issues are found, discontinue use and contact customer support.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Polisher does not start	Battery not charged or improperly installed; Safety lock button not pressed.	Ensure battery is fully charged and correctly inserted. Press the safety lock button before the trigger.
Reduced performance/power	Low battery charge; Worn or dirty polishing pad.	Recharge battery. Clean or replace polishing pad.
Excessive vibration or noise	Polishing pad improperly attached or damaged; Internal issue.	Check and re-attach or replace the polishing pad. If problem persists, contact customer support.
Tool overheating	Blocked ventilation vents; Prolonged heavy use.	Ensure vents are clear. Allow tool to cool down during extended use.

8. SPECIFICATIONS

Technical specifications for the INGCO 20V Brushless Random Orbital Polisher.

Parameter Information

Brushless motor
Voltage:20V
No-load speed:2000-4500rpm
Polishing pad diameter: 150mm
Variable speed control
Include:
1Pcs polishing bonnet
Battery and charger sold separately
Packed by color box



Figure 8.1: Detailed parameter information for the polisher.

Parameter	Value
Model Number	APLI2015
Voltage	20V
No-load Speed	2000-4500 RPM
Polishing Pad Diameter	150mm (6 inches)
Motor Type	Brushless
Item Weight	2.5 kg
Product Dimensions (L x W x H)	41.5 x 15.5 x 16 cm
Included Components	1x polisher, 1x polishing bonnet

Parameter	Value
Compatible Material	Wood, Plastic, Metal

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact the retailer or the official INGCO customer service. Keep your purchase receipt as proof of purchase.

For more information, you may visit the official Ingco Store:[Ingco Store on Amazon UK](#)

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

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