

Ingco CIDLI20668

INGCO Compact Cordless Impact Driver User Manual

Model: CIDLI20668

1. INTRODUCTION

Thank you for choosing the INGCO Compact Cordless Impact Driver. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

The INGCO CIDLI20668 is a powerful 20V cordless impact driver featuring a brushless motor, designed for various drilling and driving applications. Its compact design and high torque make it suitable for both professional and DIY tasks.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.

- **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:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use safety glasses, goggles, or a face shield. Wear hearing protection when operating the tool for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or remove the battery pack before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Safety:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. Do not incinerate the battery pack even if it is severely damaged.

3. PACKAGE CONTENTS

Carefully unpack your INGCO Compact Cordless Impact Driver and check for the following components. If any items are missing or damaged, please contact your retailer.



Image: The INGCO Compact Cordless Impact Driver kit, including the drill, two 2.0Ah batteries, a charger, a set of drill bits, and a carrying case.

- 1 x INGCO Compact Cordless Impact Driver
- 2 x 2.0Ah Lithium-Ion Batteries
- 1 x Battery Charger
- 3 x Masonry Drill Bits
- 47 x Assorted Accessories (e.g., screwdriver bits, small drill bits)
- 1 x Carrying Case
- 1 x User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the parts of your impact driver before operation.



Image: Detailed diagram showing the key components of the INGCO Impact Driver.

1. **Adjustable Clutch Setting:** Controls the torque output for driving screws.
2. **2-Speed Setting:** Switch between low speed (0-550 RPM) for high torque applications and high speed (0-2000 RPM) for faster drilling.
3. **Brushless Motor:** Provides increased efficiency, longer runtime, and extended tool life.
4. **Forward and Reverse Button:** Changes the rotation direction of the chuck.
5. **Variable Speed Trigger:** Allows for precise speed control based on pressure applied.
6. **LED Work Light:** Illuminates the work area for better visibility.
7. **Belt Clip:** Convenient for temporarily hanging the tool.
8. **Chuck:** Holds drill bits and screwdriver bits securely.
9. **Battery Pack:** Provides power to the tool.

5. SETUP

5.1 Charging the Battery

Before first use, fully charge the battery pack. Insert the battery into the charger, ensuring it clicks into place. The charger indicator light will show the charging status. Once fully charged, remove the battery from the charger.

5.2 Installing/Removing the Battery Pack

To install, slide the battery pack into the base of the tool until it locks securely. To remove, press the battery release button and slide the battery pack out.

5.3 Installing/Removing Drill Bits or Screwdriver Bits

Twist the chuck counter-clockwise to open the jaws. Insert the desired drill bit or screwdriver bit into the chuck. Twist the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly held before operation.

6. OPERATING

6.1 General Operation

Hold the tool firmly with both hands. Press the variable speed trigger to start the tool. The speed increases as you press the trigger further. Use the forward/reverse button to select the desired rotation direction. The LED work light will illuminate when the trigger is pressed.



Lumière de travail LED
Facile à travailler dans l'obscurité

Image: The integrated LED work light illuminates the drilling area, making it easier to work in low-light conditions.

6.2 Drilling

Select the appropriate drill bit for the material. For drilling, set the tool to the high-speed setting (0-2000

RPM) for most materials. Apply steady, even pressure. Do not force the drill. Allow the tool to do the work.



Image: A user demonstrating drilling into a wooden surface, highlighting the tool's capability for various drilling tasks.



Le forage 0-2000 tr/min

Image: The drill in action, capable of drilling at speeds up to 2000 RPM for efficient material removal.

6.3 Driving Screws

Select the appropriate screwdriver bit. For driving screws, use the low-speed setting (0-550 RPM) and adjust the clutch setting to prevent over-tightening or stripping screws. Start with a lower clutch setting and increase if needed.



Entraînement par vis 0-500 tr/min

Image: The tool being used for driving screws, demonstrating its precision at lower speeds (0-500 RPM).

7. MAINTENANCE

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

- **Cleaning:** Keep the tool's ventilation openings clean and free of dust. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper gripping of bits.
- **Storage:** When not in use, store the tool, batteries, and charger in their carrying case in a dry, secure location out of reach of children.

8. TROUBLESHOOTING

If you encounter issues with your impact driver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start	Battery not charged or not properly inserted.	Charge battery fully. Ensure battery is securely clicked into place.
Reduced power/torque	Low battery charge. Overload protection activated.	Recharge battery. Reduce pressure or use a larger bit for the task.
Bit slips in chuck	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Retighten chuck firmly. Clean or replace the bit.
Overheating	Continuous heavy use. Blocked ventilation.	Allow tool to cool down. Clear any obstructions from ventilation slots.

If the problem persists, please contact INGCO customer support or an authorized service center.

9. SPECIFICATIONS

Detailed technical specifications for the INGCO Compact Cordless Impact Driver CIDLI20668.

Parameter Information

Moteur sans balais

Tension: 20V

Vitesse à vide: 0-500/0-2000 tr/min

Couple maximal: 66Nm

Mandrin métallique

Capacité du mandrin: 13mm

Réglage du couple: 22+1+1

Engrenage mécanique à 2 vitesses

Fonction de verrouillage de broche

Lumière de travail LED intégrée

Indicateur de puissance de batterie LED

Inclure:

2x 2.0Ah batterie

1x chargeur

Volts de Charge: 220-240V~50/60Hz

47x accessoires

3x forets de maçonnerie

Emballé dans un coffret de transport



Image: Visual representation of the key technical parameters of the tool.

Parameter	Value
Motor Type	Brushless Motor
Voltage	20 Volts
No-load Speed	0-550 / 0-2000 RPM
Maximum Torque	66 Newton Meters
Chuck Type	Metal Chuck
Chuck Capacity	13 mm
Torque Settings	22+1+1
Gear System	2-Speed Mechanical Gear
Special Features	Brushless Motor, Compact, Integrated LED Work Light, Spindle Lock Function, LED Battery Power Indicator
Battery Type	Lithium Ion
Battery Capacity	2.0 Ah (x2 included)
Charging Voltage	220-240V~50/60Hz
Item Weight	3.28 Kilograms
Product Dimensions	10 x 20 x 37 cm

10. WARRANTY AND SUPPORT

INGCO products are manufactured to high-quality standards and are guaranteed against defects in materials and workmanship. For warranty claims or technical support, please contact your local INGCO dealer or visit the official INGCO website for service center information.

Please retain your purchase receipt as proof of purchase for warranty purposes.