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› Ingco FCLI20411 20V/21V 4A Battery Charger User Manual

Ingco FCLI20411

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Ingco FCLI20411 20V/21V 4A Battery Charger. Please read these instructions carefully before use and retain them for future reference. This charger is designed to charge Ingco P20S series 20V/21V lithium-ion batteries.

2. SAFETY INSTRUCTIONS

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

- **Read All Instructions:** Familiarize yourself with the charger's operation and limitations, as well as the potential hazards.
- **Indoor Use Only:** This charger is designed for indoor use in dry conditions. Do not expose it to rain or wet conditions.
- **Proper Ventilation:** Ensure adequate ventilation around the charger during operation. Do not cover the ventilation slots.
- **Compatible Batteries:** Only charge Ingco P20S series 20V/21V lithium-ion batteries. Attempting to charge other battery types may cause personal injury and damage.
- **Power Source:** Connect the charger only to a standard household power outlet (AC). Ensure the voltage matches the rating on the charger.
- **Damaged Cord/Plug:** Do not operate the charger if the power cord or plug is damaged. Have it replaced by a qualified service agent.
- **Avoid Short Circuits:** Do not short-circuit the battery terminals.
- **Children and Pets:** Keep the charger and batteries out of reach of children and pets.
- **Unplug When Not In Use:** Always unplug the charger from the power outlet when not in use or before cleaning.

3. PACKAGE CONTENTS

Upon opening the package, verify that the following items are present and in good condition:

- Ingco FCLI20411 20V/21V 4A Battery Charger
- Integrated Power Cord
- User Manual (this document)

4. PRODUCT FEATURES

- **Voltage Compatibility:** Designed for Ingco P20S series 20V/21V lithium-ion batteries.
- **Fast Charging:** 4 Amp output current for efficient charging.
- **Integrated Power Cord:** Convenient and ready for use.
- **Compact Design:** Easy to store and transport.
- **Charging Indicators:** Visual indicators for charging status and errors.

5. SETUP

Follow these steps to set up your Ingco FCLI20411 battery charger:

1. **Unpack the Charger:** Carefully remove the charger from its packaging. Inspect it for any signs of damage.
2. **Choose a Location:** Place the charger on a stable, flat, non-flammable surface in a well-ventilated area. Ensure it is away from direct sunlight, heat sources, and moisture.
3. **Connect to Power:** Plug the integrated power cord of the charger into a standard 220-240V AC wall outlet. The charger is now ready for use.



Image: Side view of the Ingco FCLI20411 charger, showing the integrated power cord connection point.

6. OPERATING INSTRUCTIONS

Charging an Ingco P20S series battery with the FCL120411 charger is a straightforward process:

1. **Insert Battery:** Align the battery with the charger's battery slot and slide it in until it clicks securely into place.
2. **Monitor Charging Indicators:** The charger features indicator lights to show the charging status. Refer to the diagram below for details.
3. **Charging Complete:** Once the battery is fully charged, the indicator light will change (e.g., from red to green, or solid green).
4. **Remove Battery:** Press the battery release button (if present on the battery) and slide the battery out of the charger.
5. **Unplug Charger:** Disconnect the charger from the power outlet when not in use.



Image: Front view of the Ingco FCL120411 charger, highlighting the battery slot and indicator light panel.

Indicator Light Guide:

- **Solid Red Light:** Battery is charging.
- **Solid Green Light:** Battery is fully charged.
- **Flashing Red Light:** Charging error (e.g., battery too hot/cold, faulty battery). Remove battery and consult troubleshooting.
- **No Light:** Charger is not connected to power, or there is a charger malfunction.

7. MAINTENANCE

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

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Ventilation:** Keep the ventilation slots clear of dust and debris to prevent overheating.
- **Storage:** Store the charger in a dry, cool place, away from direct sunlight and moisture, when not in use.
- **Cord Inspection:** Periodically inspect the power cord for any signs of damage. If damaged, do not use the charger and seek professional repair.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Charger indicator lights do not illuminate.	No power supply.	Check if the charger is properly plugged into a live power outlet. Test the outlet with another device.
Battery not charging (flashing red light).	Battery too hot or too cold.	Allow the battery to reach room temperature (10°C to 40°C) before attempting to charge.
Battery not charging (flashing red light).	Faulty battery or charger.	Try charging a different, known-good battery. If the issue persists, the charger or battery may be faulty. Contact customer support.
Slow charging.	Poor ventilation or high ambient temperature.	Ensure the charger is in a well-ventilated area. Avoid charging in excessively hot environments.

9. SPECIFICATIONS

Detailed technical specifications for the Ingco FCLI20411 Battery Charger:

- **Model:** FCLI20411
- **Input Voltage:** 220-240V AC, 50/60Hz
- **Output Voltage:** 20V / 21V DC
- **Output Current:** 4 Amps
- **Compatible Batteries:** Ingco P20S series 20V/21V Lithium-ion batteries
- **Item Weight:** Approximately 0.21 Kilograms (209 g)
- **Product Dimensions:** Approximately 10 x 20 x 37 cm
- **Power Source Type:** AC
- **Manufacturer:** Ingco

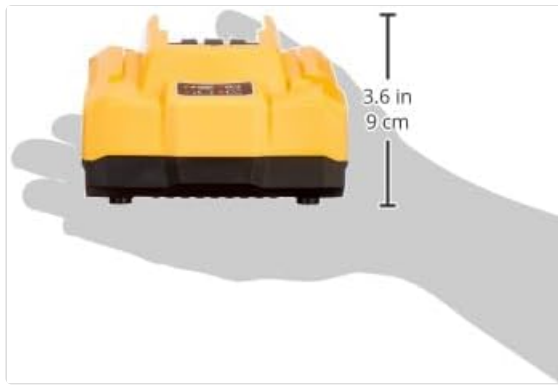


Image: The Ingco FCLI20411 charger shown in hand, illustrating its compact size and approximate dimensions (e.g., 9 cm / 3.6 inches height).

10. WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official Ingco website. If you require technical assistance, have questions about operation, or need to report a defect, please contact your retailer or Ingco customer service directly. Ensure you have your product model number (FCLI20411) and proof of purchase available when contacting support.

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