Ingco P20S

INGCO P20S Lithium-Ion Battery Kit User Manual

Model: P20S (FBLI20011)

1. Safety Instructions

Please read and understand all safety instructions before using the INGCO P20S Lithium-Ion Battery Kit. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Charging:** Only use chargers specified by INGCO for this battery pack. Using an incompatible charger may create a risk of fire.
- **Avoid Short-Circuiting:** Do not short-circuit the battery terminals. Keep the battery pack away from metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.
- **Temperature:** Do not expose the battery pack to extreme temperatures (above 50°C or below -10°C) or direct sunlight. Avoid storing in damp or wet conditions.
- **Disassembly:** Do not attempt to disassemble, open, or modify the battery pack. There are no user-serviceable parts inside.
- **Damage:** Do not use a battery pack that is damaged or modified. Damaged batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- **Disposal:** Dispose of used battery packs properly according to local regulations. Do not dispose of batteries in household waste or by incineration.
- **Children:** Keep battery packs out of reach of children.

2. Product Overview

2.1 Components

The INGCO P20S Lithium-Ion Battery Kit typically includes:

- 3 x INGCO FBLI20011 Lithium-Ion 2.0Ah Battery Packs

2.2 Key Features

- **Cordless Freedom:** Enables cordless operation, eliminating tangled cables and providing flexibility for various tasks.
- **Advanced Battery Management:** Integrated system ensures maximum safety, optimal performance, extended operating time, and prolonged battery lifespan.
- **LED Power Indicator:** Features a 3-stage LED display to clearly indicate the current charge level of the battery.
- **High-Quality Li-Ion Cells:** Utilizes premium Lithium-Ion cells, preventing memory effect, ensuring low self-discharge, and delivering high, consistent power output.
- **Durable Housing:** The battery housing is designed to be protected against dust, corrosion, and mechanical damage, enhancing durability.
- **P20S Compatibility:** One battery fits all INGCO P20S multiple tools, offering versatility and convenience.



This image displays the INGCO P20S Lithium-Ion Battery Kit. It features three individual 20V 2.0Ah Li-Ion battery packs, highlighting their design and the LED power indicator. One view also shows the batteries packaged in a double blister.

3. Setup

3.1 Initial Charging

1. Connect the INGCO battery charger (sold separately) to a suitable power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. Observe the charger's indicator lights. The battery is fully charged when the indicator shows a solid green light (or as per your specific charger's manual).

4. Disconnect the battery from the charger once fully charged.

3.2 Battery Installation

To install the battery into a compatible INGCO 20V power tool:

1. Ensure the power tool is switched off.
2. Align the battery pack with the battery port on the tool.
3. Slide the battery into the port until it securely locks into place with a click.
4. To remove, press the battery release button (if present on the tool) and slide the battery out.

4. Operating Instructions

4.1 Checking Battery Level

The INGCO P20S battery packs are equipped with a 3-stage LED power indicator:

- Press the battery indicator button on the battery pack.
- **Three LEDs lit:** Full charge.
- **Two LEDs lit:** Medium charge.
- **One LED lit:** Low charge, recharge soon.
- **No LEDs lit:** Battery is depleted or faulty.

4.2 Usage with Power Tools

Once installed, the battery powers the compatible INGCO 20V P20S series power tool. Operate the tool according to its specific instruction manual. Always ensure the battery is fully charged for optimal performance and runtime.

5. Maintenance

5.1 Cleaning

- Regularly clean the battery pack and its terminals with a dry, soft cloth.
- Do not use water, solvents, or abrasive cleaners.
- Ensure no dust or debris accumulates in the battery terminals.

5.2 Storage

- Store the battery pack in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store the battery at approximately 50% charge to prolong its lifespan.
- Avoid storing the battery in a fully discharged state for extended periods.

5.3 Disposal

Lithium-ion batteries should not be disposed of with regular household waste. Please follow local regulations for proper recycling or disposal of battery packs to protect the environment.

6. Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; Faulty charger; Battery too hot/cold; Damaged battery.	Ensure charger is properly connected; Try a different outlet or charger; Allow battery to reach room temperature; Inspect battery for damage. If damaged, replace.
Battery not powering tool	Battery not fully charged; Battery not properly inserted; Tool malfunction; Battery faulty.	Charge battery fully; Re-insert battery firmly until it clicks; Test battery with another compatible tool; If problem persists, battery may need replacement.
Short operating time	Battery not fully charged; Battery degradation; Tool drawing excessive power.	Ensure battery is fully charged before use; Battery lifespan naturally decreases over time, consider replacement; Ensure tool is not overloaded.
LED indicator not working	Battery fully depleted; Faulty indicator.	Charge the battery; If still not working after charging, the indicator may be faulty, but the battery might still function.

7. Specifications

Attribute	Value
Voltage	20V
Battery Capacity	2.0Ah
Battery Type	Lithium-Ion
Model Number (Battery Pack)	FBLI20011
Product Dimensions	22 x 7.4 x 31.5 cm
Item Weight	1.22 kg (1 kg 220 g)
Manufacturer	INGCO
Included Components	Battery kit (3 x FBLI20011 battery packs)

8. Warranty and Support

For warranty information, technical support, or service inquiries regarding your INGCO P20S Lithium-Ion Battery Kit, please refer to the warranty card included with your purchase or visit the official INGCO website. You may also contact INGCO customer service directly for assistance.

Please have your product model number (P20S) and purchase details ready when contacting support.

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