Hart HLBP02 130520001DG9

Hart 40 Volt 4.0 Ah Lithium Ion Battery User Manual

MODEL: HLBP02 130520001DG9

Introduction

Thank you for choosing the Hart 40 Volt 4.0 Ah Lithium Ion Battery. This battery is designed to provide long-lasting, fade-free power for your Hart 40V tools, enabling you to complete a wide range of projects efficiently. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your battery.



Image: The Hart 40 Volt 4.0 Ah Lithium Ion Battery, showcasing its robust design and branding.

Important Safety Information

Always observe the following safety precautions when using or handling the battery:

- **Read All Instructions:** Before using the battery, read all instructions and cautionary markings on the battery, the battery charger, and the product using the battery.
- **Charging:** Only charge the battery with the specified charger for the battery pack. Using an incompatible charger may create a risk of fire.
- **Avoid Short Circuits:** Do not short-circuit the battery terminals. This can cause severe burns or fire.
- **Do Not Incinerate:** Do not dispose of the battery in a fire. It may explode. Check with local codes for possible special disposal instructions.
- **Avoid Damage:** Do not open, drop, or damage the battery. If the battery casing is cracked or damaged, do not use it.
- **Temperature Control:** Do not charge the battery in damp or wet locations. Do not use or store the battery in temperatures exceeding 104°F (40°C).
- **Chemical Exposure:** In the event of battery leakage, avoid contact with skin and eyes. If contact occurs, wash immediately with water and seek medical attention.

Setup

Before first use, or after extended storage, fully charge the battery.

1. **Inspect the Battery:** Before charging, inspect the battery for any signs of damage, cracks, or leaks. Do not use a damaged battery.
2. **Insert into Charger:** Align the battery with the charging port on a compatible Hart 40V battery charger (charger sold separately). Push the battery firmly into the charger until it clicks into place.
3. **Connect Charger:** Plug the charger into a standard electrical outlet. The charger's indicator light will typically show the charging status (e.g., red for charging, green for fully charged).
4. **Full Charge:** Allow the battery to charge completely. Charging times may vary depending on the battery's current charge level and the charger model.
5. **Remove from Charger:** Once fully charged, disconnect the charger from the outlet and remove the battery from the charger.

Operating the Battery

The Hart 40V 4.0 Ah Lithium Ion Battery is designed for seamless integration with all Hart 40V cordless tools.

- **Inserting into Tool:** Align the battery with the battery slot on your Hart 40V tool. Push the battery firmly until it locks into place. Ensure it is securely seated before operating the tool.

- **On-Board Fuel Gauge:** The battery features an on-board fuel gauge. Press the button on the battery to illuminate the LED indicators, showing the remaining charge level. This allows for quick checks during operation.
- **Removing from Tool:** To remove the battery, press the battery release latch(es) on the tool and slide the battery out.



Image: The Hart 40V Cordless System, illustrating compatibility with multiple tools like trimmers, blowers, and mowers.



Image: A person operating a Hart 40V chainsaw, powered by the 40V battery, demonstrating its use in demanding tasks.



Image: A person using a Hart 40V leaf blower, highlighting the battery's application in yard maintenance.



Image: A person operating a Hart 40V lawnmower, showcasing the battery's power for larger outdoor equipment.



Image: A person using a Hart 40V string trimmer, demonstrating the battery's versatility for various landscaping tasks.



Image: A person using Hart 40V hedge trimmers, illustrating the battery's application in detailed garden work.

Maintenance

Proper maintenance ensures the longevity and performance of your battery.

- **Cleaning:** Keep the battery terminals clean and free of debris. Use a clean, dry cloth to wipe down the battery. Do not use solvents or harsh chemicals.
- **Storage:** Store the battery 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.
- **Avoid Deep Discharge:** Do not allow the battery to completely discharge. Recharge it as soon as the power noticeably decreases.
- **Regular Charging:** If storing for extended periods, recharge the battery every 3-6 months to maintain its health.
- **Disposal:** When the battery reaches the end of its life, dispose of it responsibly according to local regulations. Do not dispose of in household waste or fire.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; Faulty charger; Damaged battery; Extreme temperature.	Ensure charger is securely plugged in. Try a different outlet. Test charger with another battery if available. Inspect battery for damage. Charge in recommended temperature range (40°F-104°F / 4°C-40°C).

Problem	Possible Cause	Solution
Battery not powering tool	Battery not fully charged; Battery not properly seated; Tool malfunction.	Check fuel gauge and fully charge battery. Ensure battery is clicked securely into the tool. Test tool with a different, fully charged battery if available.
Reduced runtime	Battery nearing end of life; Stored improperly; Operating in extreme conditions.	Ensure proper storage and charging practices. Battery capacity naturally degrades over time. Consider replacing the battery if performance significantly declines.

Specifications

Feature	Detail
Brand	Hart
Model Number	HLBP02 130520001DG9
Battery Voltage	40 Volt
Battery Capacity	4.0 Amp Hours (4Ah)
Battery Cell Composition	Lithium Ion
Item Weight	1.52 pounds
Package Dimensions	7.76 x 6.61 x 2.95 inches
Recommended Use	Power Tool

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official Hart Tools website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.
For additional resources and product information, visit:www.harttools.com

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