Hart HLCG021VNM

Hart 40V Fast Charger User Manual

Model: HLCG021VNM

Product Overview

The HART 40V 6A Fast Charger (Model: HLCG021VNM) is designed to efficiently charge HART 40V Lithium-Ion batteries. It offers significantly faster charging times compared to standard 1.5A HART 40V chargers, typically charging batteries in an hour or less. The charger features an integrated LED light system to provide clear indications of the battery's charge status.



Figure 1: Hart 40V Fast Charger in its retail packaging, highlighting its "3X Faster" charging capability and compatibility with all HART 40V batteries.

This charger is an essential component for users of the HART 40V cordless system, ensuring minimal downtime for their power tools and equipment.

Important Safety Information

Read and understand all safety warnings, instructions, illustrations, and specifications provided with this charger before use. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Charger Safety

- **Indoor Use Only:** Do not expose the charger to rain or wet conditions. Water entering a charger will increase the risk of electric shock.
- **Use Only with Specified Batteries:** Charge only with HART 40V Lithium-Ion battery packs. Charging other battery packs may cause personal injury and damage.
- **Avoid Damaged Cords:** Do not use the charger if the cord or plug is damaged. Replace damaged cords or plugs immediately.
- **Proper Ventilation:** Ensure adequate ventilation around the charger during operation. Do not block ventilation openings.
- **Unplug When Not In Use:** Disconnect the charger from the power supply when not in use or before cleaning.
- **California Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.





Figure 2: Side of the product packaging, displaying important safety warnings including California Proposition 65 information and manufacturer contact details.

Setup

Unpacking

Carefully remove the charger from its packaging. Inspect the charger for any signs of damage during shipping. If any damage is observed, do not use the charger and contact customer support.

Connecting to Power

1. Locate a standard electrical outlet (120V AC, 60Hz).
2. Plug the charger's power cord into the electrical outlet. The charger is now ready for use.

Operating Instructions

Charging a Battery Pack

1. Ensure the charger is plugged into a working power outlet.
2. Align the ribs on the battery pack with the grooves in the charger port.
3. Slide the battery pack onto the charger until it clicks securely into place.
4. The charger's LED indicator will illuminate to show the charging status.



Figure 3: Rear view of the charger packaging, detailing key features such as 3X faster charging and the LED indicator for charge status.

Understanding LED Indicators

Charger LED Status Indicators

LED Status	Meaning
Solid Green	Battery fully charged.
Flashing Green	Battery charging.
Solid Red	Battery or charger error (e.g., battery too hot/cold, faulty battery).
No Light	Charger not plugged in or no battery inserted.

Removing the Battery Pack

To remove the battery pack, press the release latches on the sides of the battery and slide it off the charger.

Maintenance

Cleaning

- Always unplug the charger from the power outlet before cleaning.
- Use a clean, dry cloth to wipe the exterior surfaces of the charger.
- Do not use strong detergents, solvents, or abrasive cleaners, as these may damage the plastic components.
- Keep the ventilation openings free of dust and debris.

Storage

Store the charger in a cool, dry place, away from direct sunlight and excessive heat. Ensure the charger is unplugged and any battery packs are removed before storage.

Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Charger LED does not illuminate.	Charger not plugged in or no power to outlet.	Check power connection. Test outlet with another device.
Battery not charging (Solid Red LED).	Battery too hot or too cold. Faulty battery.	Allow battery to reach room temperature (68°F - 75°F / 20°C - 24°C). If issue persists, battery may be faulty and require replacement.
Slow charging.	Environmental conditions.	Ensure charger and battery are in a well-ventilated area and within optimal temperature range.

If you encounter issues not listed here or if the problem persists after attempting the suggested solutions, please contact HART customer support.

Specifications

Attribute	Detail

Attribute	Detail
Brand	Hart
Model Number	HLCG021VNM
ASIN	B09JCQ358S
Product Dimensions	3.5 x 8.6 x 6.63 inches (3.5"D x 8.6"W x 6.63"H)
Item Weight	2.24 pounds
Compatible Batteries	All HART 40V Lithium-Ion batteries
Output Voltage	40 Volts
Manufacturer	Hart Consumer Products inc

Warranty and Support

Warranty Information

This HART 40V Fast Charger comes with a**Limited 3 Year Warranty**. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the documentation included with your product or visit the official HART website.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Hart Consumer Products inc customer support:

Phone: 1-800-776-9491

Website: www.HARTtools.com

You can also find more information and resources on the official HART Tools social media channels:

Facebook Twitter YouTube Instagram

For repairs to projects to everything else... show us how you #DoItWithHART.

Figure 4: QR code for quick access to the HART Tools website.

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This manual is for informational purposes only.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question