

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [HILTI](#) /
- › [HILTI B22 8.0 22V Lithium-Ion Battery Pack User Manual](#)

HILTI B22 8.0

HILTI B22 8.0 22V Lithium-Ion Battery Pack User Manual

Model: B22 8.0 | Brand: HILTI

1. PRODUCT OVERVIEW

The HILTI B22 8.0 22V Lithium-Ion Battery Pack is a light and compact high-power battery designed for use with all Hilti 18V and 22V cordless tools. It provides reliable power for various applications. The battery weighs 2.5 lb and has dimensions of 5.7 x 3.8 x 3 inches (LxWxH). It is designed to operate within a working temperature range of 1 to 140 °F.



Image 1: The HILTI B22 8.0 22V Lithium-Ion Battery Pack, showcasing its compact design and red and black casing.

Your browser does not support the video tag.

Video 1: Official Hilti video demonstrating the features and applications of Hilti B22V batteries, including the B22 8.0 model, in various construction scenarios.

2. SAFETY INFORMATION

Always observe the following safety precautions when handling and using the HILTI B22 8.0 battery pack:

- Do not disassemble, crush, or incinerate the battery pack.
- Avoid short-circuiting the battery terminals.
- Keep the battery pack away from water, moisture, and extreme temperatures (below 1°F or above 140°F).
- Use only Hilti-approved chargers and tools compatible with 22V Li-ion batteries.
- If the battery is damaged or leaking, avoid contact with skin and eyes. Seek medical attention if contact occurs.
- Store the battery pack in a cool, dry place, away from direct sunlight and flammable materials.
- Dispose of depleted or damaged batteries according to local regulations. Do not dispose of in household waste.

3. SETUP

3.1 Charging the Battery

To charge your HILTI B22 8.0 battery pack:

1. Ensure you are using a Hilti-approved charger compatible with 22V Li-ion batteries.
2. Insert the battery pack firmly into the charger until it clicks into place.
3. Connect the charger to a suitable power outlet.
4. The charger's indicator lights will show the charging status. Refer to your charger's manual for specific light patterns.
5. Once fully charged, remove the battery from the charger.

3.2 Inserting the Battery into a Tool

To insert the battery pack into a compatible Hilti tool:

1. Align the battery pack with the battery slot on the tool.
2. Slide the battery into the slot until it locks securely. You should hear a click.
3. Gently pull on the battery to ensure it is properly seated and locked before operating the tool.

4. OPERATING THE BATTERY PACK

4.1 Battery Charge Indicator

The HILTI B22 8.0 battery pack features an LED charge indicator. Press the button on the battery to display the current charge level:

- **4 Green LEDs:** Full charge.
- **3 Green LEDs:** Approximately 75% charge.
- **2 Green LEDs:** Approximately 50% charge.
- **1 Green LED:** Approximately 25% charge.
- **1 Flashing Green LED:** Battery is almost depleted and requires charging.

4.2 Optimal Performance

For optimal performance and battery life, operate the battery within its specified working temperature range of 1°F to 140°F. Avoid

using the battery in conditions outside this range, as it may affect performance and longevity.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the battery pack to prevent dust and debris buildup:

- Use a dry, soft cloth to wipe down the exterior of the battery.
- Ensure the battery terminals are clean and free from obstruction.
- Do not use solvents, abrasive cleaners, or immerse the battery in water.

5.2 Storage

When not in use for extended periods, store the battery pack:

- In a cool, dry environment, ideally between 32°F and 77°F (0°C and 25°C).
- With a partial charge (around 50-75%) to prolong its lifespan.
- Away from direct sunlight, heat sources, and flammable materials.

6. TROUBLESHOOTING

If you encounter issues with your HILTI B22 8.0 battery pack, consider the following:

- **Battery not charging:** Ensure the charger is properly connected to a power source and the battery is fully seated in the charger. Check for any visible damage to the battery or charger.
- **Tool not operating:** Verify the battery is fully charged and securely inserted into the tool. Check if the tool itself has any issues (refer to the tool's manual).
- **Reduced run time:** Battery capacity can decrease over time with extensive use. Ensure the battery is being charged correctly and consider if it's nearing the end of its service life.
- **Overheating:** If the battery or tool becomes excessively hot during use or charging, discontinue use immediately. Allow it to cool down in a well-ventilated area.

If problems persist, contact Hilti customer support for further assistance.

7. SPECIFICATIONS

Brand	HILTI
Model	B22 8.0
Battery Cell Composition	Lithium Ion
Battery Capacity	8 Amp Hours
Voltage	22V
Weight	2.5 lb

Dimensions (LxWxH)	5.7 x 3.8 x 3 in
Working Temperature Range	1 - 140 °F
Recommended Uses	Power Tool
Unit Count	1 Count

8. WARRANTY AND SUPPORT

Hilti provides comprehensive support and warranty for its products. The B22 8.0 battery pack is covered by Hilti's service offerings, which typically include:

- **20-Year Warranty:** Covers materials and workmanship.
- **2-Year Wear and Tear Coverage:** Addresses issues arising from normal use.
- **1-Day Repair Turnaround:** Aims for quick service to minimize downtime.

For detailed warranty terms, service requests, or technical support, please visit the official Hilti website or contact Hilti customer service directly. You can find more information at www.hilti.com.