HiKOKI BSL36B18

HiKOKI BSL36B18 Multi Volt Lithium-Ion Battery User Manual

Model: BSL36B18

Introduction

This manual provides essential information for the safe and effective use of your HiKOKI BSL36B18 Multi Volt Lithium-Ion Battery. Please read this manual thoroughly before use and retain it for future reference.
The HiKOKI BSL36B18 is a high-performance 36V Multi Volt Lithium-Ion battery, capable of automatically switching between 36V and 18V output to power a wide range of compatible HiKOKI cordless tools. It delivers a powerful 1,440W output and features a 4-level battery charge indicator.

Safety Instructions

Always observe the following safety precautions to prevent injury or damage to the battery and connected tools.

- Do not disassemble, open, or shred battery pack.
- Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not remove a battery pack from its original packaging until required for use.
- Do not subject battery packs to mechanical shock.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Do not use any charger other than that specifically provided for use with the equipment.
- Do not use any battery pack which is not designed for use with the equipment.
- Keep battery packs out of the reach of children.
- Seek medical advice immediately if a cell or battery has been swallowed.
- Keep battery pack clean and dry.
- Recharge only with the charger specified by HiKOKI.
- Do not leave a battery pack on charge when not in use.
- Do not store the battery in temperatures exceeding 50°C (122°F).

Product Overview



Figure 1: Front view of the HiKOKI BSL36B18 Multi Volt Lithium-Ion Battery, showing the 4-level battery charge indicator and the HiKOKI branding.



Figure 2: Side view of the HiKOKI BSL36B18 Multi Volt Lithium-Ion Battery, highlighting its compact design and Multi Volt branding.

Key Features:

- **Voltage / Capacity:** 36 V, 4.0 Ah / 18 V, 8.0 Ah (automatic switching with battery installed).
- **Output:** 1,440W.
- **Battery Level Display:** 4 levels for easy monitoring.
- **Cooling:** Suitable for cooling during operation or charging.
- **Dimensions (L x H x W):** 5.3 x 3.0 x 3.3 inches (134 x 75 x 83 mm).
- **Weight:** Approximately 2.24 pounds.

Setup

Initial Charging:

1. Ensure you are using a compatible HiKOKI charger, such as the UC18YDL.
2. Connect the charger to a suitable power outlet.
3. Insert the BSL36B18 battery into the charger.
4. The charging time is approximately 40 minutes with the UC18YDL charger. Refer to your charger's manual for specific indicator lights and charging status.
5. Once fully charged, remove the battery from the charger.

Compatibility:

The BSL36B18 Multi Volt battery is designed for use with both 18V and 36V HiKOKI cordless products. It automatically adjusts its voltage output based on the tool it is connected to.
Note: Some older 36V products (e.g., those compatible only with BSL3620, BSL3626, BSL3660) may not be compatible due to physical shape differences. Always verify compatibility with your specific tool's instruction manual.

Operating Instructions

Installing the Battery:

1. Align the battery with the battery port on your compatible HiKOKI cordless tool.
2. Slide the battery firmly into place until it clicks, indicating it is securely locked.
3. Ensure the battery is fully seated before operating the tool.

Removing the Battery:

1. Locate the battery release button(s) on the tool.
2. Press and hold the release button(s) while sliding the battery out of the tool.
3. Store the battery in a safe, dry place away from direct sunlight and extreme temperatures.

Checking Battery Level:

The BSL36B18 features a 4-level battery indicator. Press the battery level button (if present) or observe the indicator lights on the battery itself to check the remaining charge. The number of illuminated lights corresponds to the charge level.

Maintenance

Cleaning:

- Keep the battery contacts clean. Use a dry cloth to wipe away any dust or debris.
- Do not use solvents or harsh chemicals to clean the battery.

Storage:

- Store the battery in a cool, dry place, away from direct sunlight and moisture.
- Avoid storing the battery in extreme temperatures (below -20°C or above 50°C).
- For long-term storage, it is recommended to store the battery with a partial charge (around 50%).

Disposal:

Lithium-ion batteries should be disposed of responsibly. Do not dispose of batteries in household waste. Contact your local recycling center or authorized disposal facility for proper disposal instructions.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging.	Charger not plugged in; faulty charger; battery too hot/cold; battery defect.	Ensure charger is properly connected. Try a different outlet. Allow battery to reach room temperature. If problem persists, contact HiKOKI service.

Problem	Possible Cause	Solution
Tool not operating with battery.	Battery not fully inserted; battery discharged; incompatible tool; tool defect.	Ensure battery is securely clicked into place. Charge the battery. Verify tool compatibility. Test with another charged battery if available.
Reduced run time.	Battery nearing end of life; extreme operating conditions; heavy load.	Battery capacity naturally decreases over time. Avoid extreme temperatures. Ensure tool is not overloaded. Consider replacing battery if performance is significantly degraded.

If you encounter issues not listed here, or if solutions do not resolve the problem, please contact HiKOKI customer support.

Specifications

Attribute	Value
Model Number	BSL36B18
Battery Type	Lithium-Ion
Voltage	36V / 18V (Multi Volt)
Capacity	4.0 Ah (36V) / 8.0 Ah (18V)
Output Power	1,440W
Dimensions (L x H x W)	5.3 x 3.0 x 3.3 inches (134 x 75 x 83 mm)
Item Weight	2.24 pounds
Approx. Charge Cycles	1,500 times (varies by conditions)
Approx. Charging Time	40 minutes (with UC18YDL charger)

Warranty and Support

Warranty Information:

The HiKOKI BSL36B18 battery comes with a**2-year warranty** from the date of purchase, or up to**1,500 recharge cycles**, whichever comes first. This warranty covers defects in materials and workmanship under normal usage conditions as described in this instruction manual.
A Warranty Card is included with your purchase. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, warranty claims, or service inquiries, please contact your authorized HiKOKI dealer or visit the official HiKOKI website for contact information in your region.
Note: The warranty may be voided if the battery is used with incompatible products, subjected to misuse, or if repairs are attempted by unauthorized personnel.

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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