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> PowerSmart 36V Li-ion Battery Instruction Manual for Hitachi Power Tools Model THT025.25R_1

PowerSmart THT025.25R_1

PowerSmart 36V Li-ion Battery Instruction Manual

Model: **THT025.25R_1** | Brand: **PowerSmart**

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your PowerSmart 36V Li-ion battery. This battery is designed for compatibility with specific Hitachi power tools. Please read this manual thoroughly before initial use and retain it for future reference.

Key Features:

- Battery Type: Li-ion
- Voltage: 36.00 V
- Capacity Options: 3000 mAh / 4000 mAh / 5000 mAh
- Dimensions: 130.50 x 93.40 x 116.45 mm
- **Important Note:** This battery is exclusively compatible with Hitachi power tools and is **NOT compatible with Hitachi lawnmowers.**

SAFETY INFORMATION

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

- Do not disassemble, open, or shred battery packs.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a battery pack.
- 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.
- Keep battery packs clean and dry.
- 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.
- Dispose of used battery packs promptly and according to local regulations.
- This battery is designed for use with Hitachi power tools only. Do not attempt to use it with other brands or types of equipment, especially lawnmowers.



This image illustrates the PowerSmart 36V Li-ion battery and explicitly states its incompatibility with Hitachi lawnmowers, emphasizing its use solely with Hitachi power tools.

SETUP AND INITIAL CHARGING

Before first use, fully charge the battery pack. Use only the charger specified by the manufacturer for this battery model.

1. **Inspect the Battery:** Before charging or use, visually 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 charger's terminals and slide it into place until it clicks securely.
3. **Connect Charger:** Plug the charger into a suitable power outlet. The charger's indicator light will show the charging status.
4. **Full Charge:** Allow the battery to charge completely. Refer to your charger's manual for specific charging times and indicator light meanings.
5. **Remove from Charger:** Once fully charged, disconnect the charger from the power outlet and remove the battery.

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A view of the PowerSmart 36V Li-ion battery, highlighting its robust casing and the interface for connecting to compatible Hitachi tools or chargers.



Detailed view of the battery's terminal interface, indicating the various contact points for power and communication with the tool or charger.

OPERATING INSTRUCTIONS

This battery is designed to power compatible Hitachi 36V power tools. Always refer to your tool's instruction manual for specific operating procedures.

1. **Insert Battery:** Align the fully charged battery with the battery slot on your Hitachi power tool. Slide the battery into the tool until it locks securely into place. Ensure it is firmly seated to prevent accidental disconnection during operation.
2. **Check Compatibility:** Double-check that your tool is one of the compatible Hitachi models listed (e.g., 36DAL, BSL 36, BSL 3620, BSL 3626, BSL 3626X, BSL 3630, CG 36DAL, DH 36DAL, ML 36DAL, RB 36DL, RP3608DB).
3. **Power On Tool:** Operate the tool according to its specific instructions.
4. **Battery Level:** Some tools or batteries may have an indicator to show the remaining charge. Monitor this to avoid unexpected power loss.
5. **Remove Battery:** To remove the battery, press the release button(s) on the tool and slide the battery out.

Warning: Do not force the battery into a tool if it does not fit easily. This indicates incompatibility and could damage both the battery and the tool.

MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your PowerSmart battery.

- **Charging:** Recharge the battery when its performance begins to diminish. Avoid completely draining the battery frequently, as this can reduce its lifespan.
- **Cleaning:** Keep the battery terminals clean and free of dirt or debris. Use a dry cloth to wipe the battery casing. Do not use liquids or solvents.
- **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 Li-ion batteries at approximately 50% charge.
 - Do not store the battery in a discharged state for extended periods.
 - Keep the battery away from metallic objects that could short-circuit the terminals.
- **Disposal:** Do not dispose of batteries in household waste. Recycle them at designated collection points according to local environmental regulations.

TROUBLESHOOTING

If you encounter issues with your PowerSmart battery, refer to the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	<ul style="list-style-type: none">• Charger not plugged in• Battery not properly seated in charger• Damaged battery or charger• Extreme temperature (too hot/cold)	<ul style="list-style-type: none">• Ensure charger is securely plugged into a working outlet.• Re-seat the battery firmly in the charger.• Inspect battery and charger for damage. Do not use if damaged.• Move to a room temperature environment (10°C - 40°C).

Problem	Possible Cause	Solution
Tool not powering on with battery	<ul style="list-style-type: none"> Battery not fully charged Battery not properly inserted into tool Incompatible tool model Damaged battery or tool 	<ul style="list-style-type: none"> Charge the battery fully. Ensure battery is securely locked into the tool. Verify tool model is listed as compatible. Inspect battery and tool for damage.
Reduced run time	<ul style="list-style-type: none"> Battery nearing end of life Operating in extreme temperatures Heavy load on tool 	<ul style="list-style-type: none"> Consider replacing the battery if it's old. Operate within recommended temperature ranges. Ensure the tool is not continuously overloaded.

If problems persist after trying these solutions, please contact customer support.

SPECIFICATIONS

Brand	PowerSmart
Model Number	THT025.25R_1
ASIN	B09CGLNBRR
Battery Composition	Lithium-ion
Voltage	36 Volts
Capacity	3000 mAh (also available in 4000 mAh / 5000 mAh)
Amperage	3 A
Reusability	Rechargeable
Recommended Product Uses	Garden (for compatible Hitachi power tools)
Compatible Devices	Hitachi 36DAL, BSL 36, BSL 3620, BSL 3626, BSL 3626X, BSL 3630, BSL 3636, 328036, 334997, 334998, CG 36DAL, CG 36DL, CH 36DL, CS 36DL, DH 36DAL, DH 36DBDL, DH 36DBL, DH 36DBML, DH 36DBQL, DH 36DL, ML 36DAL, ML 36DL, RB 36DL, RP3608DB. Not for Hitachi lawnmowers.

WARRANTY INFORMATION

Specific warranty details for PowerSmart products may vary. Please refer to the product packaging or the official PowerSmart website for the most accurate and up-to-date warranty information. Typically, batteries come with a limited warranty covering manufacturing defects.

Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact PowerSmart customer support.

Contact information can usually be found on the product packaging, the PowerSmart official website, or through your retailer.

When contacting support, please have your product model number (THT025.25R_1) and purchase date ready.