DEWALT DCB346-3

DEWALT 20V MAX* Lithium-Ion Battery Pack Instruction Manual

Brand: DEWALT | Model: DCB346-3

Introduction

This manual provides essential information for the safe and effective use of your DEWALT 20V MAX* Lithium-Ion Battery Pack. This pack includes one DCB206 6.0Ah XR Battery, one DCB204 4.0Ah Battery, and one DCB203 Compact 2.0Ah Battery. These batteries are designed to power your DEWALT 20V MAX* tools, offering versatility for various cordless applications from heavy-duty tasks to precision work.

Important Safety Information

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Do not incinerate the battery pack even if it is severely damaged or is completely dead. The battery pack can explode in a fire.
- Do not charge or use the battery in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Never attempt to open the battery pack for any reason. If the battery case is cracked or damaged, do not insert it into a charger.
- Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (40°C) (e.g., outside sheds or metal buildings in summer).
- Do not immerse the battery pack in water or other liquids.
- Protect the battery pack from impact.
- Keep battery packs away from children.

Product Overview

Your DEWALT 20V MAX* Lithium-Ion Battery Pack includes three distinct batteries, each designed for optimal performance across various applications. All batteries feature a fuel gauge LED indicator for clear capacity communication.



This image displays the complete set of DEWALT 20V MAX* Lithium-Ion batteries included in the pack: the compact 2.0Ah battery, the standard 4.0Ah battery, and the high-capacity 6.0Ah XR battery. Each battery is yellow and black with the DEWALT logo and its respective ampere-hour rating clearly visible.



The DEWALT 20V MAX* XR 6.0Ah Lithium-Ion Battery, designed for heavy-duty tasks, provides extended runtime. It features a robust yellow and black casing with the XR logo and 6.0Ah capacity prominently displayed.



The DEWALT 20V MAX* XR 4.0Ah Lithium-Ion Battery, suitable for a wide range of applications, offers a balance of power and runtime. It is identifiable by its yellow and black design, featuring the XR logo and 4.0Ah capacity.



The DEWALT 20V MAX* 2.0Ah Compact Lithium-Ion Battery is ideal for general use and applications requiring lighter weight. This battery is compact, yellow and black, and clearly marked with its 2.0Ah capacity.

Key Features:

- **Compatibility:** Compatible with all DEWALT 20V MAX* cordless tools and chargers.
- **Fuel Gauge:** Clear capacity communication with fuel gauge LED charge indicators.
- **Versatility:** Includes 2 XR batteries (6.0Ah and 4.0Ah) for heavy-duty tasks and 1 compact battery (2.0Ah) for general use.
- **No Memory Effect:** No memory and virtually no self-discharge, ensuring consistent performance.

Setup and Initial Charging

Before first use, it is recommended to fully charge your DEWALT 20V MAX* Lithium-Ion batteries.

1. **Insert Battery:** Slide the battery pack into a compatible DEWALT 20V MAX* charger. Ensure it clicks securely into place.
2. **Connect Charger:** Plug the charger into a standard electrical outlet.
3. **Monitor Charge:** The charger's indicator light will show the charging status. Refer to your charger's manual for specific light patterns.
4. **Full Charge:** Once fully charged, the indicator light will typically show a solid green. Disconnect the charger from the outlet and remove the battery.

Note: New battery packs are not fully charged and require charging before use.

Operating Your Batteries

Inserting and Removing the Battery Pack

- **To Insert:** Align the battery pack with the tool's battery port and slide it in until it locks securely into place.
- **To Remove:** Press the battery release button (if present on your tool) and pull the battery pack out of the tool.

Checking Battery Charge Status

Each DEWALT 20V MAX* Lithium-Ion battery features a fuel gauge. To check the charge level, press the button on the battery pack. The illuminated LED lights indicate the remaining charge:

- **3 Green Lights:** 67-100% charged

- **2 Green Lights:** 34-66% charged
- **1 Green Light:** 0-33% charged (recharge soon)

Maintenance and Storage

Battery Care

- Keep the battery pack clean and free of debris.
- Do not allow any liquid to get inside the battery pack.
- Do not attempt to clean the battery pack with solvents.

Storage

- Store battery packs in a cool, dry place, away from direct sunlight and excessive heat.
- For long-term storage, it is best to store battery packs at approximately 50% charge.
- Do not store battery packs in a discharged condition. Recharge them periodically if stored for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; Faulty outlet; Damaged battery pack; Charger malfunction.	Ensure charger is securely plugged in. Test outlet with another device. Inspect battery for damage. Try a different charger if available.
Battery not holding charge	Battery nearing end of life; Extreme temperatures during use/storage.	Replace battery if it's old. Ensure proper storage and operating temperatures.
Tool not operating with charged battery	Battery not fully inserted; Tool malfunction.	Ensure battery is fully seated in the tool. Test with another battery. If issue persists, the tool may require service.

Specifications

Brand	DEWALT
Model Number	DCB346-3
Voltage	20 Volts
Battery Cell Type	Lithium Ion
Battery Capacity (6.0Ah)	6 Amp Hours
Battery Capacity (4.0Ah)	4 Amp Hours

Battery Capacity (2.0Ah)	2 Amp Hours
Item Weight	4.62 pounds (total pack)
Product Dimensions	12.25 x 1 x 8.75 inches (packaging)
Manufacturer	Stanley Black and Decker
Included Components	LITHIUM-ION BATTERIES 3 PACK

Warranty and Support

For warranty information and customer support, please refer to the official DEWALT website or contact DEWALT customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Online Support: www.dewalt.com/support

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