

BLACK+DECKER BDC2A36

BLACK+DECKER BDC2A36-QW 36V 2Ah Lithium Battery Kit and Charger User Manual

1. IMPORTANT SAFETY INSTRUCTIONS

Read all safety warnings and instructions before using the battery kit. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Battery Pack Safety:** Do not disassemble, open, or shred battery packs. Do not expose battery packs to heat or fire. Avoid direct sunlight.
- **Charging:** Use only the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Storage:** Store battery packs out of reach of children. When not in use, keep battery packs away from other metal objects that can make a connection from one terminal to another.
- **Handling:** Do not short-circuit a battery pack. Do not store battery packs in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- **Disposal:** Dispose of used battery packs according to local regulations. Do not dispose of battery packs in household waste or by incineration.

Always wear appropriate personal protective equipment when handling batteries and chargers.

2. PRODUCT OVERVIEW

The BLACK+DECKER BDC2A36-QW kit includes a 36V 2Ah Lithium-Ion battery and a rapid charger. This battery is designed for compatibility with all BLACK+DECKER 36V gardening and power tools, offering a lightweight and compact power solution with no memory effect and low self-discharge.



Image 2.1: The BLACK+DECKER 36V 2Ah Lithium Battery and Charger Kit.

Kit Contents:

- 1 x 36V 2Ah Lithium-Ion Battery Pack
- 1 x Rapid Charger (1.5-hour charging time)

3. SETUP AND CHARGING

3.1 Initial Charge

Before first use, fully charge the battery pack. The battery pack is not fully charged out of the box.

3.2 Charging Procedure

1. Connect the charger to a standard power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charger indicator light will show the charging status. Refer to the charger's specific manual for light indications.
4. A full charge typically takes 1.5 hours.
5. Once charging is complete, disconnect the charger from the power outlet and remove the battery pack.



Image 3.1: The rapid charger for the 36V battery.

3.3 Battery Charge Indicator

The battery pack features an integrated charge indicator. Press the button on the battery to view the current charge level.



Image 3.2: Top view of the battery showing the charge indicator and release button.

4. OPERATING INSTRUCTIONS

4.1 Attaching the Battery to a Tool

1. Ensure the tool is switched off.
2. Align the battery pack with the battery port on the tool.
3. Slide the battery pack into the tool until it clicks securely into place.



Image 4.1: Demonstrating the insertion of the 36V battery into a compatible BLACK+DECKER tool.

4.2 Removing the Battery from a Tool

1. Ensure the tool is switched off.
2. Press and hold the battery release button.
3. Slide the battery pack out of the tool.

4.3 Compatibility

This 36V 2Ah Lithium-Ion battery is fully interchangeable with all BLACK+DECKER 36V cordless power and gardening tools. It features lithium technology, ensuring no memory effect and low self-discharge for consistent performance.

5. MAINTENANCE AND STORAGE

5.1 Battery Care

- Keep the battery pack clean and dry.
- Do not immerse the battery pack in water or other liquids.
- Clean battery terminals with a clean, dry cloth if they become dirty.
- Avoid charging the battery in extreme temperatures. Optimal charging temperature is between 10°C and 40°C (50°F and 104°F).

5.2 Storage

- Store the battery pack in a cool, dry place, away from direct sunlight and moisture.
- For long-term storage, charge the battery to approximately 50% capacity.
- Recharge the battery every 6 months during long-term storage to maintain its lifespan.
- Store the charger indoors.

6. TROUBLESHOOTING

6.1 Battery Not Charging

- **Check Power Connection:** Ensure the charger is securely plugged into a working power outlet.
- **Check Battery Connection:** Verify the battery pack is correctly seated on the charger.

- **Temperature:** The battery may be too hot or too cold. Allow it to reach room temperature (10°C to 40°C) before attempting to charge.
- **Charger Malfunction:** If the charger indicator lights do not function as expected, the charger may be faulty. Consult the manufacturer's support.

6.2 Reduced Run Time

- **Battery Age:** Over time, all rechargeable batteries lose capacity. Consider replacing an old battery.
- **Partial Charging:** Ensure the battery is fully charged before use.
- **Storage Conditions:** Improper storage (e.g., fully discharged for long periods) can reduce battery life.

6.3 Battery Overheating During Use

- **Overload:** Avoid continuously overloading the tool. Allow the tool and battery to cool down during heavy use.
- **Ventilation:** Ensure the tool and battery ventilation slots are clear of debris.

7. SPECIFICATIONS

Feature	Specification
Battery Type	Lithium-Ion
Voltage	36 Volts
Battery Capacity	2.0 Ah (2000 mAh)
Charger Type	Rapid Charger
Charging Time	1.5 hours
Product Dimensions (L x W x H)	40 x 30 x 30 cm (15.7 x 11.8 x 11.8 inches)
Battery Weight	400 Grams (0.88 lbs)
Total Kit Weight	1.1 Kilograms (2.43 lbs)
Model Number	BDC2A36
EAN/UPC	05035048491553
Country of Origin	China

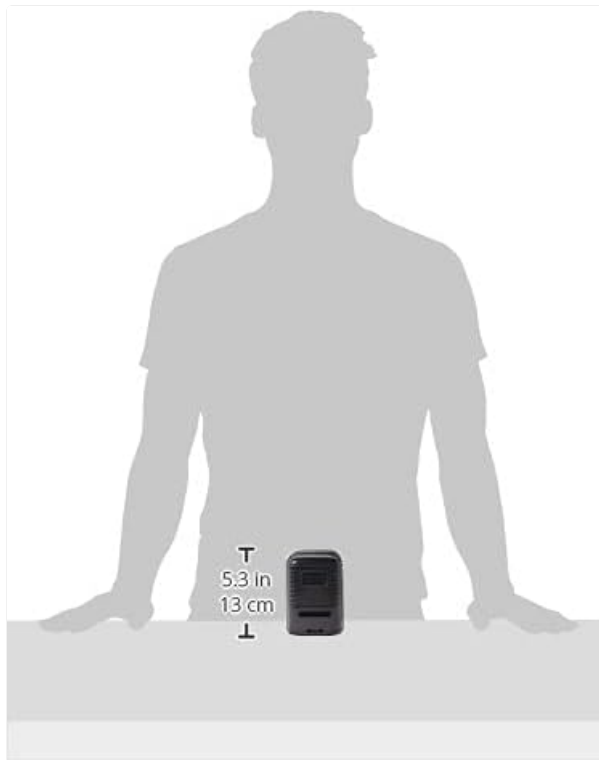


Image 7.1: Approximate dimensions of the 36V battery.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

For detailed warranty information, please refer to the official BLACK+DECKER website or the warranty card included with your purchase. Warranty terms and conditions may vary by region.

8.2 Customer Support

If you encounter any issues or have questions regarding your BLACK+DECKER BDC2A36-QW battery kit, please contact BLACK+DECKER customer support through their official website or the contact information provided in your product packaging. Always provide your model number (BDC2A36) when seeking support.