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› DEWALT 20V MAX Battery Charger (DCB112) User Manual

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Model: DCB112



1. PRODUCT OVERVIEW

The DEWALT DCB112 is a 20V MAX battery charger designed to efficiently charge DEWALT 12V/20V MAX Lithium-Ion battery packs. This charger ensures your battery packs are ready for use, providing reliable power for your DEWALT tools.



Figure 1: Front view of the DEWALT DCB112 20V MAX Battery Charger, showing the battery slot and indicator lights.



Figure 2: The DEWALT DCB112 20V MAX Battery Charger with its attached power cord.

2. IMPORTANT SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Keep this manual for future reference.

- **Electrical Safety:** Ensure the charger is connected to a power supply that matches the voltage specified on the charger's label. Do not expose the charger to rain or wet conditions.
- **Battery Safety:** Only charge DEWALT 12V/20V MAX Lithium-Ion battery packs. Do not attempt to charge non-rechargeable batteries or battery packs from other manufacturers.
- **Ventilation:** Operate the charger in a well-ventilated area. Do not block ventilation openings.
- **Damage Inspection:** Before each use, inspect the charger, cord, and plug for any damage. Do not use a damaged charger.
- **Children and Pets:** Keep the charger and battery packs out of reach of children and pets.
- **Temperature:** Do not charge battery packs in extremely hot or cold environments. Refer to the battery pack's manual for optimal charging temperatures.

For detailed safety information, refer to the warnings printed on the underside of the charger and the battery pack's instruction manual.

3. SETUP

1. **Unpacking:** Carefully remove the charger from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the charger on a stable, flat surface in a dry, well-ventilated area, away from direct sunlight and heat sources.
3. **Power Connection:** Plug the charger's power cord into a standard 120V AC electrical outlet. The charger is now ready for use.

4. OPERATING INSTRUCTIONS

4.1 Charging a Battery Pack

1. **Insert Battery:** Slide the DEWALT 12V/20V MAX Lithium-Ion battery pack firmly into the charger until it clicks into place.
2. **Monitor Indicators:** Observe the indicator lights on the charger.

4.2 Charger Indicator Lights

- **Pack Charging:** The indicator light will illuminate to show the battery pack is actively charging.
- **Pack Charged:** Once the battery pack is fully charged, the indicator light will change to indicate completion.
- **Hot/Cold Delay:** If the battery pack is too hot or too cold, the charger will enter a delay mode until the battery reaches an acceptable temperature for charging. The indicator light will show this status. Charging will automatically begin once the temperature is suitable.

4.3 Removing a Battery Pack

Once charging is complete, press the release button on the battery pack (if applicable) and slide it out of the charger. Disconnect the charger from the power outlet when not in use.

5. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a dry cloth to wipe the exterior of the charger. Do not use water or harsh chemicals.
- **Storage:** Store the charger in a dry, indoor location when not in use. Avoid storing in areas with extreme temperatures or high humidity.
- **Cord Care:** Do not wrap the power cord tightly around the charger. Avoid kinking or damaging the cord.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not operating	No power to charger; damaged charger or cord.	Check power outlet. Inspect cord and charger for damage. If damaged, discontinue use and replace.
Battery not charging (Hot/Cold Delay light active)	Battery pack temperature is outside optimal range.	Allow battery pack to reach room temperature. Charging will resume automatically.

Problem	Possible Cause	Solution
Battery not charging (no lights)	Battery not properly seated; faulty battery pack.	Re-insert battery pack firmly. Test with a different, known-good battery pack. If issue persists, the battery pack may be faulty.

If troubleshooting steps do not resolve the issue, contact DEWALT customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	DCB112
Compatible Battery Type	DEWALT 12V/20V MAX Lithium-Ion
Input Voltage	120V AC
Output Voltage	120 Volts (DC)
Product Dimensions (L x W x H)	4.25 x 6 x 2 inches
Item Weight	12 ounces (0.75 lbs)
Color	Black
Manufacturer	DEWALT

8. WARRANTY INFORMATION

DEWALT products are engineered to the highest standards and are backed by a comprehensive warranty. For specific warranty details pertaining to your DEWALT DCB112 charger, please refer to the warranty card included with your purchase or visit the official DEWALT website. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, service, or to locate an authorized service center, please visit the official DEWALT website or contact DEWALT customer service directly. Contact information can typically be found on the DEWALT website or in the documentation provided with your product.

DEWALT Official Website: www.dewalt.com

