

WORKPRO W126070AE

WORKPRO 20V 2.0Ah Li-ion Battery Instruction Manual

Model: W126070AE

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your WORKPRO 20V 2.0Ah Lithium-ion Replacement Battery (Model W126070AE). This battery is designed to power WORKPRO 20V cordless tools, specifically compatible with the WORKPRO 20V Pink Cordless Drill Driver (W004580AE). Please read this manual thoroughly before first use and retain it for future reference.

2. SAFETY INFORMATION

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

- **Battery Compatibility:** Only use this battery with WORKPRO 20V tools and chargers. Using incompatible accessories can lead to fire, electric shock, or injury.
- **Charging Environment:** Charge the battery in a well-ventilated area, away from flammable materials. Do not charge in damp or wet conditions.
- **Temperature:** Do not expose the battery to extreme temperatures (above 104°F / 40°C or below 32°F / 0°C). Avoid direct sunlight.
- **Physical Damage:** Do not drop, puncture, or disassemble the battery. If the battery casing is damaged, discontinue use immediately.
- **Short Circuit:** Avoid short-circuiting the battery terminals with conductive objects.
- **Disposal:** Dispose of batteries responsibly according to local regulations. Do not dispose of in fire or water. This battery is environmental-friendly and accords with CE/GS/EMC/PAHS/ROHS certification requirements.
- **Children:** Keep batteries out of reach of children.

3. PRODUCT FEATURES

- **Battery Type:** Lithium-ion.
- **Voltage:** 20V.

- **Capacity:** 2.0Ah (2000mAh). Contains 5 pieces of 3.7V 18650-2000mAh Lithium-ion cells.
- **Lightweight Design:** Weighs approximately 0.95 lbs (0.43 kg).
- **Compatibility:** Specifically designed for WORKPRO 20V Pink Cordless Drill Driver (Model W004580AE).
- **Power Indicator:** Features 4 LED indicator lights to display the current battery charge status.
- **Safety Features:** Integrated safeguards protect against incorrect voltage, battery overload, short circuit, and internal overheating.
- **No Memory Effect:** Can be charged freely without reducing overall battery life.
- **Environmental Compliance:** All lithium-ion cells meet CE/GS/EMC/PAHS/ROHS certification requirements.

4. SETUP AND INSTALLATION

Before first use, ensure the battery is fully charged. Refer to the "Charging the Battery" section for detailed instructions.

4.1 Installing the Battery

1. Align the battery pack with the battery slot on your WORKPRO 20V cordless tool (e.g., W004580AE drill).
2. Slide the battery into the tool until it clicks securely into place. Ensure it is firmly seated to prevent accidental detachment during operation.

4.2 Removing the Battery

1. Locate the battery release button on the tool.
2. Press and hold the release button.
3. Slide the battery pack out of the tool.

5. CHARGING THE BATTERY

Use only the WORKPRO 20V battery charger designed for this battery pack. Using an unauthorized charger may damage the battery and void the warranty.



Image: WORKPRO 20V 2.0Ah Lithium-ion battery connected to its dedicated fast charger. The charger is pink and black, indicating compatibility with WORKPRO's pink cordless tools. In the background, a WORKPRO pink cordless drill is visible, demonstrating the tool this battery powers. The image highlights '1 Hour Fast Charging' and specifies '2.0 Ah Li-ion Batteries' and '2.4 A Fast Charger'.

1. Connect the WORKPRO 20V battery charger to a standard power outlet.
2. Slide the WORKPRO 20V 2.0Ah Li-ion battery pack onto the charger, ensuring it clicks into place.
3. The charger's indicator lights will show the charging status. A full charge typically takes approximately 1 hour with a 2.4A fast charger.
4. Monitor the 4 LED power indicator lights on the battery pack to recognize the charge status immediately. When all 4 lights are solid, the battery is fully charged.
5. Once fully charged, remove the battery from the charger to prevent overcharging and prolong battery life.

6. OPERATING THE BATTERY

Once the battery is fully charged and securely installed in a compatible WORKPRO 20V tool, the tool is ready for operation. Refer to your specific tool's instruction manual for detailed operating procedures.

- **Power Indicator:** Regularly check the 4 LED indicator lights on the battery to monitor the remaining charge

during use. This helps in planning work and avoiding unexpected power loss.

- **Overload Protection:** The battery features built-in overload protection. If the tool stops unexpectedly, it may be due to an overload. Release the trigger, allow the tool and battery to cool, and then resume operation.
- **Temperature Protection:** If the battery becomes too hot during prolonged use, the internal overheating protection may activate, temporarily shutting down the battery. Allow it to cool down before continuing.

7. MAINTENANCE AND STORAGE

- **Cleaning:** Keep the battery terminals clean and free from dirt or debris. Use a dry cloth to wipe the battery exterior.
- **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 the battery with a partial charge (around 50%) rather than fully charged or completely depleted.
- **Avoid Deep Discharge:** Do not allow the battery to completely discharge. Recharge it as soon as the power indicator shows low charge.
- **Regular Use:** If storing for extended periods, charge the battery every 3-6 months to maintain its health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in. Battery not properly seated on charger. Faulty charger or battery. Extreme temperature (too hot/cold).	Ensure charger is securely plugged into a working outlet. Re-seat the battery firmly on the charger. Test with another known good battery/charger if available. Contact support if issue persists. Move battery and charger to a room temperature environment (32°F - 104°F / 0°C - 40°C).
Tool not operating with battery	Battery not fully charged. Battery not properly installed. Battery or tool overload/overheat protection activated. Faulty battery or tool.	Charge the battery fully. Remove and re-install the battery, ensuring it clicks into place. Allow battery and tool to cool down. Reduce load on the tool. Test with another known good battery/tool if available. Contact support if issue persists.
Battery indicator lights not working	Battery completely depleted. Internal fault.	Attempt to charge the battery. If lights do not activate after a few minutes, contact support. Contact WORKPRO customer support.

9. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	W126070AE
Battery Type	Lithium-ion
Voltage	20V
Capacity	2.0Ah (2000mAh)
Cell Composition	5 x 3.7V 18650 Lithium-ion cells
Item Weight	1.01 pounds (approx. 0.46 kg)
Product Dimensions	5.43 x 3.5 x 2.72 inches (13.79 x 8.89 x 6.91 cm)
Compatible Tools	WORKPRO 20V Pink Cordless Drill Driver (W004580AE)
Certifications	CE/GS/EMC/PAHS/ROHS

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your original product purchase or visit the official WORKPRO website. Keep your purchase receipt as proof of purchase for any warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact WORKPRO customer support:

- **Website:** [Visit the WORKPRO Store on Amazon](#) (for general product information)
- Refer to your product packaging or the WORKPRO official website for direct contact methods such as email or phone number.