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> ExpertPower 18V 2000mAh NiMh Battery for Craftsman Power Tools User Manual

ExpertPower I0IBTPCR310_1

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Model: I0IBTPCR310_1

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your ExpertPower 18V 2000mAh NiMh replacement battery for Craftsman power tools. Please read this manual thoroughly before using the battery to ensure proper operation and to prevent potential hazards.

2. SAFETY INFORMATION

WARNING: Read 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.

- **Charging Compatibility:** This is a NiMh battery. *Do not attempt to charge this NiMh battery with a NiCd (Nickel-Cadmium) charger.* NiCd chargers may not properly terminate charging for NiMh batteries, leading to overcharging, overheating, and potential damage to the battery or charger, and risk of fire. Always use a charger specifically designed for NiMh batteries.
- **Battery Storage:** Store batteries away from heat sources, direct sunlight, and moisture. Keep batteries in a cool, dry place.
- **Disposal:** Dispose of batteries responsibly according to local regulations. Do not dispose of batteries in fire or water.
- **Damage:** Do not use a damaged battery. If the battery casing is cracked, swollen, or shows signs of leakage, discontinue use immediately.
- **Short Circuit:** Avoid short-circuiting the battery terminals. Keep batteries away from metal objects that could bridge the terminals.
- **Children:** Keep batteries out of reach of children.

3. PRODUCT FEATURES

- **Battery Type:** Ni-Mh
- **Voltage:** 18 Volts

- **Capacity:** 2000 mAh
- **Color:** Black
- **Quality Construction:** ExpertPower batteries are manufactured with high-quality materials.
- **Performance Standards:** Products are tested to meet or exceed original equipment manufacturer (OEM) specifications.
- **Protection Features:** Built-in circuit protection helps prevent overheating, short circuits, extended charging times, and detects damaged batteries.

4. COMPATIBILITY

This ExpertPower 18V NiMh battery is designed as a replacement for various Craftsman 18V power tools. Compatible Craftsman part numbers include:

- 315.110980
- 11098
- 11103
- 11318
- 11386
- 11416
- 11461
- 223310
- 9-11103
- 9111098
- 982027-001
- 982321-001
- 982321.001

Always verify your tool's battery requirements and model number for exact compatibility.

5. SETUP AND INSTALLATION

1. **Initial Charge:** For optimal performance, fully charge the battery before its first use. Refer to the 'Operating Instructions' section for charging details.
2. **Inserting the Battery:** Align the battery with the battery slot on your Craftsman power tool. Slide the battery firmly into place until it clicks, indicating it is securely locked.
3. **Removing the Battery:** Press the battery release button(s) on the tool (if applicable) and slide the battery out of the slot.



Image: Top view of the ExpertPower 18V NiMh battery, highlighting the connection terminals for proper alignment with power tools.

6. OPERATING INSTRUCTIONS

6.1 Charging the Battery

- **Use a NiMh Charger:** Always use a charger specifically designed for NiMh batteries. Using an incompatible charger (e.g., NiCd charger) can damage the battery and pose a safety risk.
- **Charging Process:** Insert the battery into the compatible NiMh charger. Follow the charger's instructions for charging times and indicator lights.
- **Overcharging:** While ExpertPower batteries have built-in protection, avoid leaving batteries on the charger indefinitely after they are fully charged.
- **Temperature:** Charge batteries in a well-ventilated area, away from extreme temperatures.



Image: Two ExpertPower 18V NiMh batteries, ready for charging or use with compatible Craftsman tools.

6.2 Using the Battery

- **Power Tool Operation:** Once the battery is securely installed in your Craftsman power tool, operate the tool according to its own user manual.
- **Discharge:** For optimal battery life, it is generally recommended to fully discharge NiMh batteries before recharging, though occasional partial discharges are acceptable.
- **Overload Protection:** The battery features built-in protection against over-discharge. If the tool stops working unexpectedly, the battery may be depleted or the protection circuit may have activated.

7. MAINTENANCE

- **Cleaning:** Keep 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:** When not in use for extended periods, store batteries in a cool, dry place, ideally at a partial charge (around 50%). Avoid storing fully charged or fully discharged batteries for long durations.
- **Temperature:** Do not expose batteries to extreme temperatures (hot or cold) as this can degrade performance and shorten lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery does not charge.	• Incompatible charger (NiCd charger used for NiMh battery). • Charger malfunction. • Battery terminals are dirty. • Battery is damaged.	• Ensure you are using a NiMh compatible charger. • Test charger with another known good battery. • Clean battery terminals with a dry cloth. • If damaged, replace the battery.
Battery does not fit tool or charger.	• Incorrect model/compatibility. • Physical obstruction.	• Verify the battery model number against your tool's requirements. • Check for any debris in the tool's battery slot or on the battery itself.
Battery loses charge quickly.	• Battery nearing end of lifespan. • Improper charging. • Extreme operating temperatures.	• Consider replacing the battery if it's old. • Ensure proper charging procedures are followed. • Operate and store battery within recommended temperature ranges.

9. SPECIFICATIONS

- **Manufacturer:** ExpertPower
- **Part Number:** BTPCR310
- **Item Model Number:** I0IBTPCR310_1
- **Battery Type:** NiMH
- **Voltage:** 18 Volts
- **Capacity:** 2000 Milliampere Hour (mAh)
- **Product Dimensions:** Approximately 5.31 x 3.18 x 4.05 inches
- **Item Weight:** Approximately 3.4 pounds (for a 2-pack)
- **Color:** Black

10. WARRANTY AND SUPPORT

ExpertPower products are designed for reliability and performance. For specific warranty information or technical support, please refer to the ExpertPower official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [ExpertPower Store on Amazon](#).

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