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> AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery User Manual for AD380 Tire Inflator and 21V Chainsaw

## AUTDER NC2030AM-UK

# AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery User Manual

Model: NC2030AM-UK

## 1. INTRODUCTION

Thank you for choosing the AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery. This battery is designed to provide reliable power for your compatible AUTDER 21V tools, specifically the AD380 21V Tire Inflator and AUTDER 21V Chainsaw. This manual provides essential information for the safe and efficient use, maintenance, and storage of your battery.



Image 1.1: The AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery. This image displays the battery unit with its branding, voltage, and capacity markings, along with a charging port.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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

- **Charging:** Only use the AUTDER 21V compatible charger to charge this battery. Using an incompatible charger may cause fire or damage to the battery.
- **Temperature:** Do not charge or store the battery in temperatures below 0°C (32°F) or above 45°C (113°F). Avoid direct sunlight and extreme heat.
- **Damage:** Do not use a damaged or modified battery. Damaged batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- **Water Exposure:** Do not expose the battery to water or rain. Water entering a battery may increase the risk of electric shock or fire.
- **Short Circuit:** Do not short-circuit the battery terminals. Keep the battery away from metal objects that could make a connection between the terminals.
- **Disposal:** Dispose of batteries properly according to local regulations. Do not dispose of batteries in household waste or by incineration.
- **Children:** Keep the battery out of reach of children.

## 3. PACKAGE CONTENTS

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Verify that all items are present upon opening the package:

- 1 x AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery (Model NC2030AM-UK)

*Note: The compatible charger and tools are sold separately.*

## 4. SETUP

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### 4.1 Charging the Battery

1. Connect the AUTDER 21V compatible charger to a standard power outlet.
2. Align the battery with the charger and slide it into place until it clicks securely.
3. Observe the charging indicator lights on the battery or charger. Typically, a red light indicates charging, and a green light indicates a full charge.
4. Once fully charged, disconnect the battery from the charger and unplug the charger from the power outlet.

**First Use:** It is recommended to fully charge the battery before its first use to ensure optimal performance and battery life.

### 4.2 Installing the Battery into a Tool

1. Ensure the tool is turned off before installing or removing the battery.
2. Align the battery with the battery slot on your compatible AUTDER 21V tool (e.g., AD380 Tire Inflator or 21V Chainsaw).
3. Slide the battery into the slot until it clicks firmly into place. Ensure it is fully seated and does not wobble.
4. To remove the battery, press the release button (if present) and slide the battery out of the tool.



## 21V 2000mAh Cordless Rechargeable Battery



Image 4.1: Another view of the AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery. This image highlights the battery's design and the charging indicator lights, which are crucial for understanding its status.

## 5. OPERATING INSTRUCTIONS

Once the battery is fully charged and securely installed in your compatible AUTDER 21V tool, you can begin operation.

### 5.1 Using with AUTDER AD380 Tire Inflator

1. Ensure the battery is fully charged and properly installed in the AD380 tire inflator.
2. Connect the inflator hose to the tire valve.
3. Set the desired pressure on the inflator's display.
4. Press the power button on the inflator to start inflation. The battery will provide power until the set pressure is reached or the inflator is turned off.
5. Monitor the battery level indicator on the battery or tool during extended use.

### 5.2 Using with AUTDER 21V Chainsaw

1. Ensure the battery is fully charged and properly installed in the 21V chainsaw.
2. Follow the chainsaw's specific operating instructions for starting, cutting, and safety.
3. The battery provides consistent power for cutting tasks.
4. Always check the battery level before starting a task to avoid interruptions.

## 6. MAINTENANCE AND STORAGE

## 6.1 Charging Guidelines

- Do not overcharge the battery. Disconnect it once fully charged.
- Avoid completely draining the battery before recharging, as this can reduce its lifespan. Recharge when the power is low.
- Allow the battery to cool down before charging if it has been used extensively.

## 6.2 Storage Recommendations

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50-60% capacity.
- Remove the battery from the tool when not in use for extended periods.

## 6.3 Cleaning

- Use a clean, dry cloth to wipe the battery casing and terminals.
- Do not use solvents or abrasive cleaners.
- Ensure terminals are free from dirt and debris for optimal connection.

## 7. TROUBLESHOOTING

| Problem                   | Possible Cause  | Solution   |
|---------------------------|---|--|
| Battery not charging      | Charger not connected; Battery not seated correctly; Faulty charger/battery | Ensure charger is plugged in; Re-seat battery firmly; Try another compatible charger/battery if available.                 |
| Battery not powering tool | Battery not charged; Battery not seated correctly; Faulty battery/tool      | Charge battery fully; Re-seat battery firmly; Check battery level; Test with another compatible battery/tool.              |
| Short run time            | Battery not fully charged; Battery aging; Extreme operating conditions      | Ensure full charge; Consider battery replacement if significantly degraded; Operate within recommended temperature ranges. |

## 8. TECHNICAL SPECIFICATIONS

| Specification | Detail          |
|---------------|-----------------|
| Model Number  | NC2030AM-UK     |
| Battery Type  | Lithium-ion     |
| Voltage       | 21 Volts        |
| Capacity      | 2000mAh (2.0Ah) |
| Material      | Plastic         |

| Specification          | Detail                                     |
|------------------------|--|
| Dimensions (L x W x H) | 13 x 7.5 x 6.5 cm (5.1 x 3.0 x 2.6 inches) |
| Weight                 | 249.48 grams (8.8 Ounces)                  |

## 9. WARRANTY AND CUSTOMER SUPPORT

AUTDER products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your original purchase or visit the official AUTDER website.

If you encounter any issues or have questions about your AUTDER 21V 2000mAh Lithium-ion Rechargeable Battery, please contact AUTDER customer support through the contact information provided on our official website or your purchase platform. Please have your model number (NC2030AM-UK) and purchase details ready when contacting support.