

## Conentool AS-313

# Conentool 21V 680 N.m Cordless Impact Wrench User Manual

Model: AS-313

## INTRODUCTION

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Thank you for choosing the Conentool 21V 680 N.m Cordless Impact Wrench. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference. Proper use and care will ensure long-lasting performance and safety.

## GENERAL SAFETY INSTRUCTIONS

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Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual handy for quick reference.

- **Read All Instructions:** Familiarize yourself with the tool's controls and proper usage.
- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces (e.g., pipes, radiators, ranges, refrigerators). Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

## PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged. If any parts are missing or damaged, contact your retailer immediately.

- 1x Conentool Cordless Impact Wrench
- 1x 21V 4000mAh Lithium-Ion Battery
- 1x Battery Charger
- 6x Impact Sockets (14mm, 17mm, 18mm, 19mm, 21mm, 22mm)
- 1x Hex Bit Adapter
- 1x Square Drive Adapter
- 2x O-rings for Sockets
- 2x Pins for Sockets
- 1x Carrying Case



*Image: All components included in the Conentool Impact Wrench package, neatly arranged.*

## PRODUCT OVERVIEW

The Conentool AS-313 is a powerful cordless impact wrench designed for various fastening and loosening tasks. Its brushless motor ensures efficiency and durability, while the ergonomic design provides comfort during use.

## Key Components



*Image: Detailed view of the impact wrench highlighting its main components.*

- **1/2" Chuck:** Standard square drive for impact sockets.
- **Brushless Motor:** Provides high efficiency, longer lifespan, and reduced noise compared to brushed motors.
- **LED Light:** Integrated light illuminates the work area for improved visibility.
- **Forward/Reverse Switch:** Controls the direction of rotation for tightening and loosening.
- **Variable Speed Trigger:** Allows for precise speed control based on pressure applied.
- **Soft Rubber Grip:** Enhances comfort and reduces fatigue during prolonged use.
- **Battery Pack Release Button:** For easy removal and attachment of the battery.
- **Intelligent Control Panel:** Displays battery status and other operational information.

# VERBESSERTER BÜRSTENLOSER MOTOR AUS REINEM KUPFER

**60%** ↑  
Lebenszeit:

**80%** ↑  
Leistung:

**90%** ↓  
Funken:

**60%** ↓  
Lärm:



*Image: Internal diagram illustrating the brushless motor technology, highlighting its benefits in lifespan, power, reduced sparks, and noise.*

## SETUP

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### 1. Battery Charging

Before first use, fully charge the battery. Connect the charger to a standard power outlet and then connect the battery pack to the charger. The indicator light on the charger will show the charging status. Once fully charged, disconnect the battery from the charger.





Image: The Conentool impact wrench, battery, and charger, illustrating the components for charging.

## 2. Attaching/Removing Battery Pack

- **To Attach:** Align the battery pack with the base of the impact wrench and slide it in until it clicks securely into place.
- **To Remove:** Press the battery pack release button and slide the battery pack out.

## 3. Attaching Sockets or Bits

- Ensure the impact wrench is off and the battery is removed before attaching or removing accessories.
- For sockets, align the square drive of the socket with the 1/2" chuck on the tool and push it firmly until it locks. Use the provided O-rings and pins for secure attachment if your sockets require them.
- For hex bits, insert the hex bit adapter into the 1/2" chuck, then insert the hex bit into the adapter.

## OPERATING INSTRUCTIONS

### 1. Forward/Reverse Rotation

The forward/reverse switch controls the direction of rotation. Push the switch to the right for forward

rotation (tightening) and to the left for reverse rotation (loosening). The center position locks the trigger, preventing accidental startup.



*Image: Diagram showing the positions of the forward/reverse switch for tightening, loosening, and locking.*

## 2. Speed Control

The impact wrench features a variable speed trigger. The speed of rotation increases as you apply more pressure to the trigger. This allows for precise control depending on the application.

## 3. LED Work Light

The integrated LED light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas.



*Image: The impact wrench in use, demonstrating the effectiveness of the built-in LED light for illuminating the work area.*

#### 4. Applications

This impact wrench is suitable for a variety of tasks, including:

- Automotive repairs (e.g., lug nuts, engine components)
- Construction and assembly (e.g., scaffolding, heavy-duty bolts)
- Home improvement projects (e.g., deck building, large furniture assembly)
- General fastening and loosening of stubborn nuts and bolts.



# 2 in 1

## Multifunktional Schlagschrauber



**Schlagschrauber**



**Schraubenzieher**

*Image: The impact wrench demonstrating its dual functionality as both an impact wrench for heavy fastening and a screwdriver with an adapter for lighter tasks.*

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your tool.

- **Cleaning:** Keep the tool's ventilation openings clean and free from dust. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool and battery in a cool, dry place, away from direct sunlight and moisture. Ensure the battery is partially charged (around 50%) before long-term storage.
- **Battery Care:** Do not store battery packs in locations where the temperature may reach or exceed 50°C (122°F). Do not incinerate the battery pack even if it is severely damaged or completely worn out.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose screws, or worn parts. If any issues are found, have them repaired by a qualified service technician.

## TROUBLESHOOTING

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This section addresses common issues you might encounter. If you experience problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed. Forward/reverse switch in center (locked) position.	Ensure battery is fully charged and correctly inserted. Move forward/reverse switch to forward or reverse position.
Reduced power or torque	Low battery charge. Worn or incorrect socket/bit. Overheating.	Recharge battery. Use appropriate, undamaged accessories. Allow tool to cool down.
Excessive vibration or noise	Loose accessories. Damaged internal components.	Ensure sockets/bits are securely attached. Discontinue use and contact service if problem persists.

## SPECIFICATIONS

Feature	Detail
Model Number	AS-313
Voltage	21 Volts
Max Torque	680 N.m (501.54 ft-lbs)
No-Load Speed	Up to 4600 RPM
Impact Frequency	0-3500 BPM
Chuck Size	1/2 inch Square Drive
Battery Capacity	4000 mAh (4.0 Ah) Lithium-Ion
Motor Type	Brushless
Weight	3.74 kg (approx.)
Special Features	LED Work Light, Variable Speed Trigger, Quick Charge, Ergonomic Design

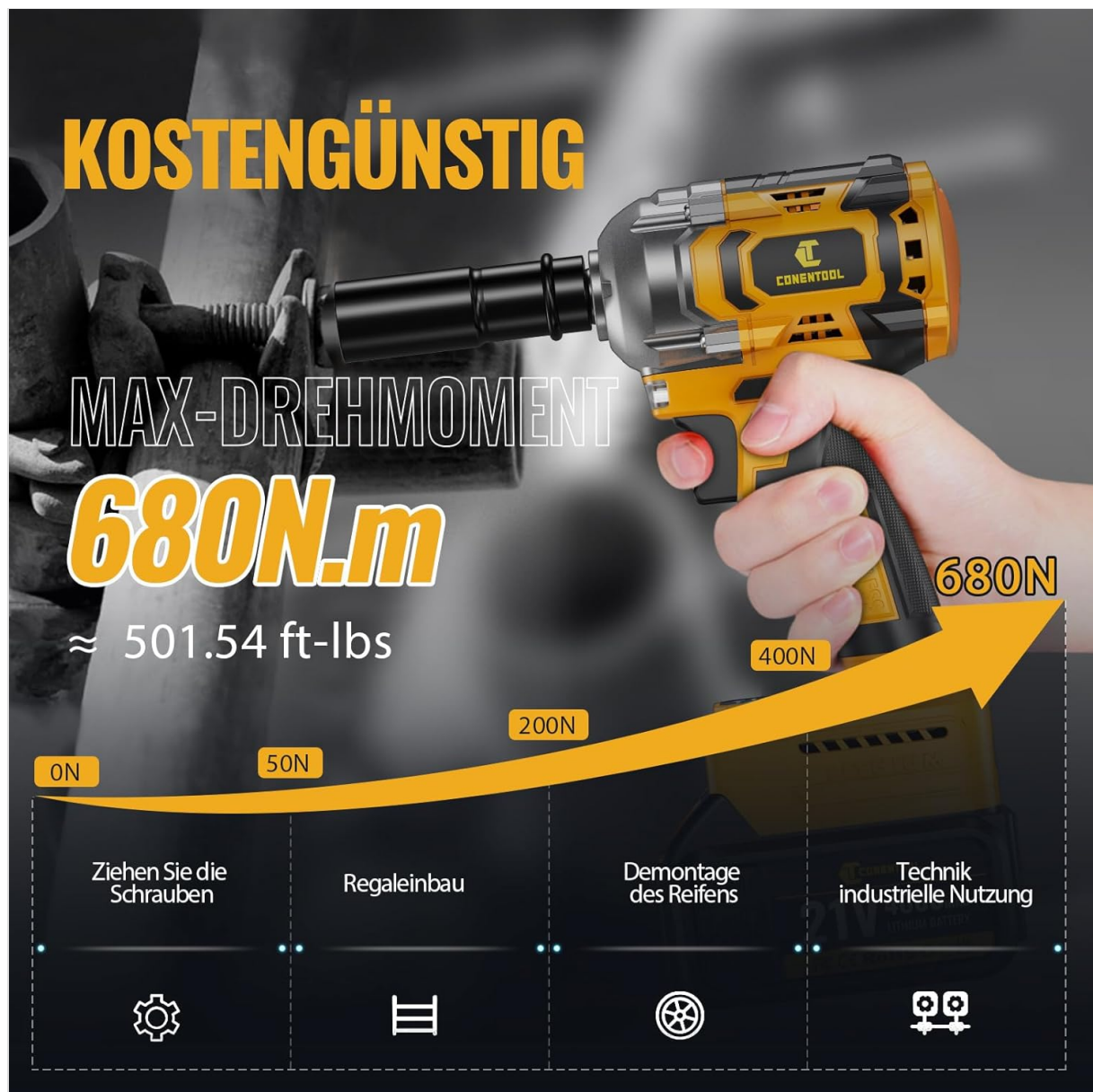


Image: Visual representation of the impact wrench's maximum torque output and its application in various tasks.

# 4.0AH GROSSE KAPAZITÄT BATTERIE

Helfen Sie Ihrer Nutzung jederzeit

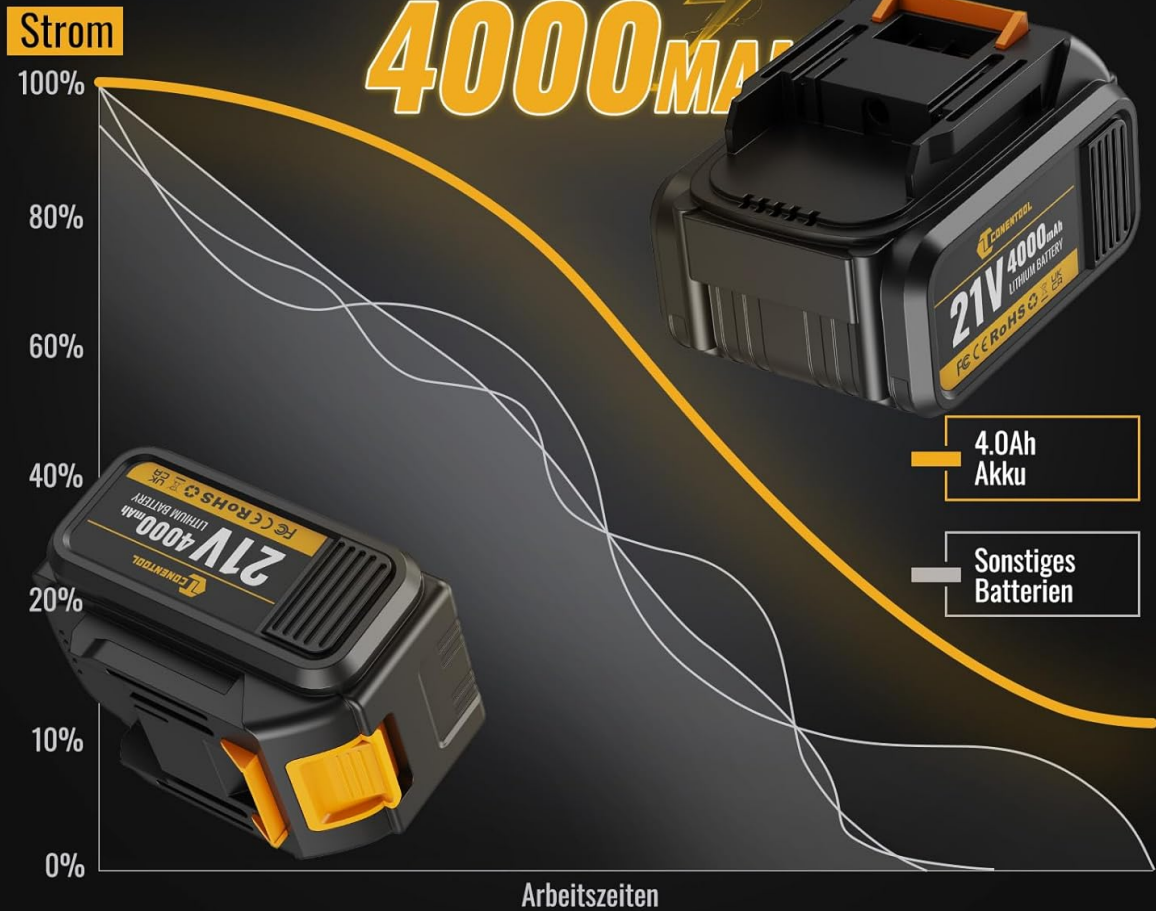


Image: Graph comparing the runtime performance of the 4.0Ah battery against other battery types, illustrating extended operational periods.

## WARRANTY AND SUPPORT

Conentool offers a **two-year after-sales guarantee** for this product. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your Conentool impact wrench, please contact our customer support team. Provide your model number (AS-313) and purchase details when contacting support for faster service.

Contact information can typically be found on the retailer's website or on the product packaging.