

sukaudiz CIW-Y-1000-US

sukaudiz CIW-Y-1000-US Cordless Impact Wrench User Manual

Model: CIW-Y-1000-US | Brand: sukaudiz

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your sukaudiz CIW-Y-1000-US Cordless Impact Wrench. Please read this manual thoroughly before using the tool and retain it for future reference.

The sukaudiz CIW-Y-1000-US is a powerful 1/2-inch brushless impact wrench designed for various fastening and loosening tasks, offering up to 1200 N.m (900 Ft-lbs) of torque. It features a brushless motor for enhanced performance and durability, multiple speed settings, and a bidirectional rotation function.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in electric shock, fire, and/or serious injury.

General Power Tool Safety Warnings:

- **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. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate work gloves. Dress properly; avoid 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 Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. PACKAGE CONTENTS

The sukaudz CIW-Y-1000-US Cordless Impact Wrench kit includes the following items:

- 1 x Cordless Impact Wrench
- 2 x 4.0 Ah Lithium-Ion Batteries
- 1 x Fast Charger
- 5 x Impact Sockets (17mm, 19mm, 21mm, 24mm, 34mm)
- 1 x Extension Rod
- 1 x 1/2" to 3/4" Converter
- 3 x Rubber Rings
- 3 x Pins
- 1 x User Manual
- 1 x Sturdy Carrying Bag (Toolbox)



Image: Complete sukaudz Cordless Impact Wrench kit, including the wrench, two batteries, charger, various sockets, extension rod, converter, and carrying case.

4. SETUP

4.1 Battery Charging

Before first use, fully charge both 4.0 Ah Lithium-Ion batteries. Insert the battery into the fast charger. The charger will indicate the charging status. Once fully charged, remove the battery from the charger.

4.2 Battery Installation and Removal

- **Installation:** Align the battery pack with the base of the impact wrench and slide it in until it clicks securely into place.
- **Removal:** Press the release button on the battery pack and slide the battery out from the tool.



Image: Close-up of a 4000mAh Lithium-Ion battery being installed into the base of the impact wrench.

4.3 Socket Installation and Removal

Select the appropriate impact socket for your task. The wrench comes with 17mm, 19mm, 21mm, 24mm, and 34mm sockets, an extension rod, and a 1/2" to 3/4" converter for increased versatility.

- **Installation:** Push the desired socket onto the 1/2-inch square drive anvil until it locks into place. For added security, align the hole in the socket with the pin on the anvil and insert a pin, then secure it with a rubber ring.
- **Removal:** Pull the socket firmly off the anvil. If a pin and ring are used, remove them first.



Image: The sukaudiz impact wrench with a socket attached, ready for use on a car wheel.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Variable Speed Trigger

The tool is activated by pressing the adjusting speed trigger. The speed is variable based on how much the trigger is pressed. Release the trigger to turn off the tool.

5.2 Speed and Torque Settings

The impact wrench features three adjustable speed modes, displayed on the control panel:

- **Precision Mode (Speed 1):** Up to 2500 RPM. Suitable for low-torque applications, such as precision assembly and electronic equipment repair.
- **Standard Mode (Speed 2):** Up to 3500 RPM. Ideal for daily bolt removal/installation and tire replacement.
- **Extreme Speed Mode (Speed 3):** Up to 6000 RPM. Designed for heavy machinery, rusted bolts, and other high-resistance tasks.

CORDLESS IMPACT WRENCH SPEEDS UP TO 6000 RPM

Three gears adjustable and remaining power displayed on the panel



Image: The control panel on the sukaudiz impact wrench showing the three speed settings and remaining power indicator.

5.3 Bidirectional Rotation (Forward/Reverse)

A one-button switch allows for easy selection between forward (clockwise) and reverse (counterclockwise) modes.

- **Forward Mode:** For tightening nuts and screws.
- **Reverse Mode:** For loosening nuts and screws.

5.4 Self-Stop Mode (RSS Mode)

When in reverse mode, the tool can be set to a self-stop (RSS) mode. This feature automatically stops the rotation once the fastener is loose, preventing excessive loosening or damage to threaded connections.



Image: Illustration of the self-stop mode preventing over-loosening of a bolt, showing a correctly removed bolt versus a damaged one.

5.5 Integrated LED Light

The impact wrench includes a built-in LED light to illuminate the work area, improving visibility in dark or confined spaces.

CORDLESS IMPACT WRENCH HELPS TIGHTENING AND LOOSENING THE NUTS OF A TRUNK



Image: The sukaudz impact wrench with its LED light activated, illuminating a work area under a vehicle.

5.6 Official Product Videos

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Video: Demonstration of the Adedad 1000N.m Cordless Impact Wrench, showcasing its power for tire removal and installation, LED light, and 3-speed power control. Note: This video is for a similar model from a seller, Adedad, and demonstrates general impact wrench functionality.

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Video: Short demonstration of the Alloyman Cordless Brushless Impact Wrench, highlighting its use for heavy-duty tasks like truck wheel lug nut removal. Note: This video is for a similar model from a seller, Alloyman, and demonstrates general impact wrench functionality.

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Video: Overview of the SEESII 1/2 Impact Gun, Cordless Impact Wrench, demonstrating its features including battery installation, weight, soft silicone grip, LED light, and included accessories. Note: This video is for a similar model from a seller, SeesiiCA, and demonstrates general impact wrench functionality.

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Video: Demonstration of a Cordless Impact Wrench removing a heavily rusted nut from a 1974 Dodge RV, showcasing its high torque capabilities. Note: This video is for a similar model from a seller, Uaoai Direct, and demonstrates general impact wrench functionality.

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Video: Overview of the SEESII Cordless Impact Wrench, 1/2 Impact Gun, highlighting its features, battery, and accessories. Note: This video is for a similar model from a seller, SeesiiCA, and demonstrates general impact wrench functionality.

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Video: Demonstration of the DIYtoolifz Cordless Impact Wrench 1/2 inch, comparing it with a DeWalt model and showcasing its performance in various tasks including lug nut removal and driving lag screws into wood. Note: This video is for a similar model from a seller, Carrkoopy, and demonstrates general impact wrench functionality.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your impact wrench.

- **Cleaning:** Keep the tool's ventilation openings clean to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store batteries in a discharged state for extended periods.
- **Accessory Inspection:** Regularly inspect sockets, extension rods, and the converter for wear or damage. Replace worn accessories to ensure safe and effective operation.

7. TROUBLESHOOTING

If you encounter issues with your impact wrench, refer to the following common troubleshooting steps:

- **Tool Not Turning On:** Ensure the battery is fully charged and properly installed. Check the forward/reverse switch is not in the locked (middle) position.
- **Insufficient Torque:** Verify that the correct speed/torque mode is selected for the task. Ensure the battery is fully charged.
- **Battery Not Charging:** Check if the charger is properly plugged into a working power outlet. Ensure the battery is correctly seated in the charger.

For persistent issues, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	CIW-Y-1000-US
Brand	sukaudiz
Voltage	21 Volts
Max Torque	1200 Newton Meters (900 Ft-lbs)
Drive Size	1/2 inch
Motor Type	Brushless
Battery Type	Lithium Ion
Battery Capacity	2 x 4.0 Ah


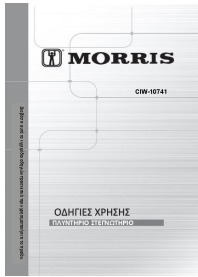

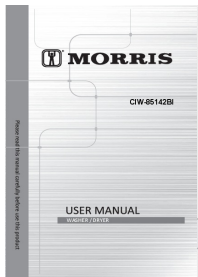
Max RPM (Extreme Speed)	6000 RPM
Item Weight	3.3 kg
Material	Metal, Plastic
Included Components	Impact Wrench, 2 Batteries, Charger, 5 Sockets, Extension Rod, 1/2" to 3/4" Converter, 3 Rubber Rings, 3 Pins, User Manual, Carrying Bag


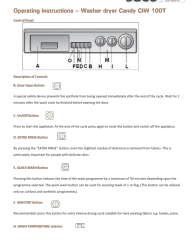
9. WARRANTY AND SUPPORT

Your sukaudiz Cordless Impact Wrench comes with a 1-year warranty. Additionally, a free exchange is available within 180 days of purchase. For any questions, technical assistance, or warranty claims, please contact sukaudiz customer service. 24/7 support is available to assist you.

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Related Documents - CIW-Y-1000-US

	Bosch GDS 18V-1000 / 18V-1050 H / 18V-1000 C / 18V-1000 PC / 18V-1050 HC Cordless Impact Wrench User Manual Comprehensive user manual for Bosch GDS 18V-1000, 18V-1050 H, 18V-1000 C, 18V-1000 PC, and 18V-1050 HC cordless impact wrenches. Covers safety instructions, product description, technical specifications, operation, maintenance, and disposal.
	Morris CIW-10741 Washer Dryer User Manual Comprehensive user manual for the Morris CIW-10741 washer dryer, covering installation, operation, maintenance, and troubleshooting.
	MORRIS CIW-10741 Combi Washer Dryer User Manual Comprehensive user manual for the MORRIS CIW-10741 Combi Washer Dryer. Find installation, operation, maintenance, and troubleshooting guides for your appliance.
	MORRIS CIW-85142BI Washer Dryer User Manual Comprehensive user manual for the MORRIS CIW-85142BI Washer Dryer, covering safety instructions, installation, operation, maintenance, and troubleshooting.

	<p>Bosch GDS Professional 18V-1000 Series Cordless Impact Wrench User Manual</p> <p>Comprehensive user manual for Bosch GDS Professional 18V-1000, 18V-1050 H, 18V-1000 C, and 18V-1050 HC cordless impact wrenches. Includes safety guidelines, operating instructions, technical specifications, and maintenance information.</p>
	<p>Candy CIW 100T Washer Dryer: Operating Instructions and Guide</p> <p>Detailed operating instructions for the Candy CIW 100T washer dryer, covering control panel functions, wash programs, and drying cycles for optimal use. Learn how to operate your appliance efficiently.</p>