

Hyper Tough AQ75046G

Hyper Tough 8-Volt Max Lithium-Ion Cordless Drill User Manual

Model: AQ75046G

INTRODUCTION

Thank you for choosing the Hyper Tough 8-Volt Max Lithium-Ion Cordless Drill. This manual provides important information regarding the safe operation, setup, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before using the drill and keep it for future reference.

The Hyper Tough AQ75046G 8-Volt Max Lithium-Ion Cordless Drill is designed for various DIY projects, offering reliable power and versatility. It features a 3/8-inch keyless chuck for quick bit changes, 21+1 adjustable torque settings for precise control, and an integrated LED work light for improved visibility.

SAFETY INFORMATION

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

General Safety Rules:

- **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 grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- **Personal Safety:** Always wear eye protection. Use a dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions. Dress properly. Do not wear loose clothing or jewelry. Keep your 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. Do not use the power tool if the switch does not turn it on and off. Disconnect the plug from the power source and/or 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. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

PRODUCT OVERVIEW

Familiarize yourself with the components of your Hyper Tough Cordless Drill.



Figure 1: The Hyper Tough 8-Volt Max Lithium-Ion Cordless Drill shown with its complete set of accessories, including the charger and various screwdriver bits.



Figure 2: A close-up view of the Hyper Tough 8-Volt Max Lithium-Ion Cordless Drill, highlighting its ergonomic design and keyless chuck.



Figure 3: The Hyper Tough Cordless Drill featuring convenient onboard storage for a screwdriver bit, located at the base of the handle.

Key Components:

- **Keyless Chuck (3/8 inch):** For quick and easy bit changes.
- **Torque Adjustment Collar:** Allows selection of 21+1 torque settings for various applications.
- **Forward/Reverse Switch:** Controls the direction of rotation.
- **Trigger Switch:** Activates the drill and controls variable speed.
- **LED Work Light:** Illuminates the work area for better visibility.
- **Lithium-Ion Battery (8V 1500mA):** Provides cordless power.
- **Battery Charger:** For recharging the lithium-ion battery.
- **Bit Storage:** Onboard storage for a double-ended screwdriver bit.

SETUP

Charging the Battery:

1. Ensure the drill's battery is fully charged before first use.
2. Connect the charger to a standard electrical outlet.
3. Plug the charger into the charging port on the drill's battery pack.
4. Allow 3-5 hours for a full charge. The LED charge indicator will show charging status.
5. Disconnect the charger once charging is complete.

Installing/Removing Drill Bits:



Figure 4: Demonstrating the process of inserting a screwdriver bit into the 3/8-inch keyless chuck of the drill.

1. To install a bit, twist the front collar of the keyless chuck counter-clockwise until the jaws open wide enough to insert the bit.
2. Insert the desired drill bit or screwdriver bit into the chuck.
3. Twist the front collar clockwise to tighten the chuck jaws securely around the bit. Ensure the bit is centered and firmly gripped.
4. To remove a bit, twist the front collar counter-clockwise until the jaws release the bit.

OPERATING INSTRUCTIONS

Selecting Torque Setting:

The drill features a 21+1 torque adjustment collar. Rotate the collar to select the appropriate torque setting for your task. Lower settings are for driving small screws or working with soft materials, while higher settings are for larger screws or

harder materials. The drill setting (indicated by a drill icon) is for drilling holes.

Forward/Reverse Operation:

The forward/reverse switch is located above the trigger. Push the switch to the left for forward rotation (for drilling and driving screws). Push it to the right for reverse rotation (for removing screws). Center the switch to lock the trigger and prevent accidental starting.

Starting and Stopping:



Figure 5: The Hyper Tough Cordless Drill in action, demonstrating its use for assembling a wooden shelf.

1. To start the drill, squeeze the trigger switch. The LED work light will illuminate automatically.
2. The drill features variable speed control. The more you squeeze the trigger, the faster the drill will rotate (0-550 RPM).
3. To stop the drill, release the trigger switch.



Figure 6: A detailed view of the drill's base, showing the LED battery charge indicator which provides visual feedback on the remaining battery life.

The LED charge indicator on the base of the drill provides a visual indication of the battery's remaining charge.

MAINTENANCE

Cleaning:

- Keep the ventilation openings of the tool clean to prevent overheating.
- Use a clean, damp cloth to wipe down the exterior of the drill. Do not use harsh chemicals or abrasive cleaners.
- Never immerse the tool or charger in water or any other liquid.

Storage:

- Store the drill and charger in a cool, dry place, away from direct sunlight and moisture.
- Ensure the battery is partially charged before long-term storage to maintain battery health.

- Keep out of reach of children.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Drill does not start.	Battery is not charged. Forward/reverse switch is in the center (locked) position.	Charge the battery for 3-5 hours. Move the forward/reverse switch to the left or right.
Drill loses power quickly.	Battery is old or not holding a full charge. Overloading the drill.	Ensure battery is fully charged. Consider replacing the battery if it consistently loses charge quickly. Reduce pressure or use a higher torque setting.
Bit slips in chuck.	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Retighten the chuck firmly. Clean the bit shank. Replace damaged bits.
Drill overheats.	Continuous heavy use. Blocked ventilation openings.	Allow the drill to cool down. Clean ventilation openings.

SPECIFICATIONS

Feature	Detail
Model Number	AQ75046G
Voltage	8 Volts Max
Battery Type	Lithium-Ion (1500mA)
Charger Type	3-5 Hour Charger
No-Load Speed	0-550 RPM
Chuck Size	3/8 inch Keyless
Torque Settings	21+1
Special Features	LED Work Light, Variable Speed, LED Charge Indicator
Material	Steel (primary construction)
Dimensions (Package)	30.2 x 24.8 x 6.6 cm
Weight (Package)	1.13 kg
UPC	889526281038

WARRANTY AND SUPPORT

This Hyper Tough product is backed by a **2-Year Limited Warranty**. For warranty claims, technical support, or service inquiries, please refer to the contact information provided with your product packaging or visit the official Hyper Tough

website. Please retain your proof of purchase for warranty validation.

For further assistance, you may also refer to the official Hyper Tough website or contact their customer service department. Always provide your model number (AQ75046G) when seeking support.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I change the bit on my Hyper Tough AQ75046G 8-Volt Max Cordless Drill, and what type of bits should be used?

To change the bit on your Hyper Tough AQ75046G drill, follow these steps for the 3/8-inch keyless chuck:To Remove a Bit: Hold the drill firmly and twist the front collar of the keyless chuck...

[Read full answer](#)