



Green Lion

GD-12 EDGE PRO Cordless Hammer Drill

SKU: GNGD12CODRGN

Model No: GD-12

Table of Contents

Product Overview	2
Specifications	2
Work Area Safety	3
Electrical Safety	4
Personal Safety	4
Power Tool Use and Care	5
Battery Use and Care	6
Individual Safety Rules	7
Battery Cartridge Safety Instructions	7
Battery Maintenance Tips	8
Using the Front Lamp	10
Reversing Switch	10
Changing the Speed	11
Adjusting the Fastening Torque	11
Installing or Removing Bits	12
Operation Instructions	13
Disposal	14
Warranty	15
Contact Us	15

Product Overview

The Green Lion GD-12 Edge Pro Cordless Hammer Drill is designed to provide powerful and efficient performance for a wide range of tasks. Featuring a brushless motor, it delivers a maximum torque of 45 N.M and operates in hammer mode, reaching up to 25,600 beats per minute for tough jobs. This versatile tool offers 3-in-1 functionality, allowing you to switch between drill, screwdriver, and hammer modes. It is equipped with 2-speed settings and 20+1+1 torque clutch settings to ensure precision and control for various drilling and driving tasks. The drill includes a 69-piece bit set, giving you a wide range of accessories to tackle different projects. The 21V 3.0Ah Li-ion batteries, included in the set, offer long-lasting power for extended work sessions, while the 10mm keyless chuck ensures easy bit changes.

Specifications

Model No.	GD-12
Material	Nylon
Clamping Head	Metal, Self-lock
Charger Input	100-240 V ~ 50/60 Hz
Power	300 W (Max)
Torque	45 Nm

Speed Settings	2 speeds (0-550 RPM / 0-2000 RPM)
Battery	21V/3.0Ah Lithium-ion (18650)
Charging Time	3-3.5 hours
Runtime	1.5 - 2.5 hours
Impact Rate	0-6400 (Low), 0-25600 (High)
Drill Chuck Diameter	10 mm
Maximum Drilling Capacity	13 mm Steel, 35 mm Wood
Maximum Screw Diameter	8 mm
Product Weight	890 g
Product Dimensions	8 × 16 × 20 cm

Work Area Safety

1. Keep the work area clean and well-lit. Cluttered and dark areas invite accidents.
2. Do not operate power tools in explosive atmospheres, such as the presence of flammable liquids, gases, or dust. Power tools create sparks, which may ignite dust or fumes.
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical Safety

- 1.** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce the risk of electric shock.
- 2.** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- 3.** Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 4.** Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep the cord away from heat, oil, sharp edges, or moving parts. Damaged or entangled cords increase the risk of electric shock.
- 5.** When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

Personal Safety

- 1.** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 2.** Use safety equipment. Always wear eye protection. Safety equipment, such as dust masks, non-skid safety shoes, hard hats, and hearing protection, used in appropriate conditions, will reduce personal injuries.
- 3.** Avoid accidental starting. Ensure the switch is in the off position

before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

4. Remove any adjusting key or wrench before turning the power tool on. A wrench or key left attached to a rotating part of the power tool may result in personal injury.

5. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

6. Dress appropriately. Avoid loose clothing or jewelry, and keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can get caught in moving parts.

7. If devices are provided for dust extraction and collection, ensure they are connected and properly used. Using these devices can reduce dust-related hazards.

Power Tool Use and Care

1. Do not force the power tool. Use the correct power tool for your application. The correct tool will perform better and more safely at the appropriate rate.

2. Do not use the power tool if the switch does not turn it on and off. A power tool that cannot be controlled with the switch is dangerous and must be repaired.

3. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing the tool. These preventive measures reduce the risk of unintentionally starting the power tool.

4. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the tool. Power tools are dangerous in the hands of untrained users.

5. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the

tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained tools.

6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp edges are less likely to bind and are easier to control.

7. Use the power tool, accessories, and tool bits in accordance with these instructions and in the manner intended for the particular type of power tool. Consider the working conditions and the work to be performed. Using the power tool only for operations different from those intended could result in a hazardous situation.

Battery Use and Care

1. Ensure the switch is in the off position before inserting the battery pack. Inserting the battery pack into power tools with the switch on invites accidents.

2. Recharge only with the charger specified by the manufacturer. A charger suitable for one type of battery pack may create a risk of fire when used with another battery pack.

3. Use power tools only with specifically designated battery packs. Using any other battery packs may create a risk of injury and fire.

4. When the battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can connect one terminal to another. Shorting the battery terminals together may cause burns or a fire.

5. Under abusive conditions, liquid may be ejected from the battery. Avoid contact. If contact accidentally occurs, flush with water. If liquid contacts the eyes, immediately seek medical help. Liquid ejected from the battery may cause irritation or burns.

Individual Safety Rules

1. Do not let comfort or familiarity with the product (gained from repeated use) replace strict adherence to drill safety rules. If you use this power tool unsafely or incorrectly, you can suffer serious personal injury.
2. Wear ear protection with impact drills. Noise exposure can cause hearing loss.
3. Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.
4. Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
5. Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.
6. Hold the tool firmly.
7. Keep your hands away from rotating parts.
8. Do not leave the tool running. Operate the tool only in a hand-held position.
9. Do not touch the drill bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin.
10. Some materials contain chemicals that may be toxic. Take caution to prevent dust inhalation and skin contact. Follow the material supplier's safety data.

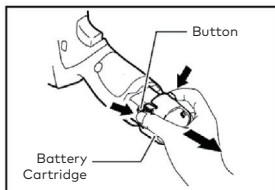
Battery Cartridge Safety Instructions

1. Before using the battery cartridge, read all instructions and cautionary markings on the battery charger, the battery, and the product using the battery.

2. Do not disassemble the battery cartridge.
3. If operating time becomes excessively short, stop operating immediately. This may indicate a risk of overheating, possible burns, and even an explosion.
4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention immediately. It may result in loss of eyesight.
5. Do not short the battery cartridge:
 - a. Do not touch the terminals with any conductive material.
 - b. Avoid storing the battery cartridge in a container with other metal objects such as nails, coins, etc.
 - c. Do not expose the battery cartridge to water or rain. A battery short can cause a large current flow, overheating, possible burns, and even a breakdown.
6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50°C (122°F).
7. Do not incinerate the battery cartridge if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
8. Be careful not to drop or strike the battery.

Battery Maintenance Tips

1. Charge the battery cartridge before it is completely discharged. Always stop the tool operation and charge the battery cartridge when you notice reduced tool power.



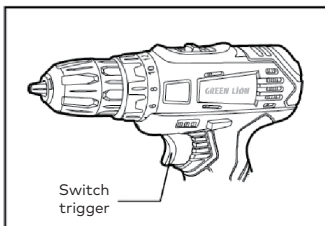
2. Never recharge a fully charged battery cartridge. Overcharging shortens the battery's service life.

3. Charge the battery cartridge at room temperature between 10°C - 40°C (50°F - 104°F). Let a hot battery cartridge cool down before charging it.

4. To insert the battery cartridge, hold it so that the front shape of the battery cartridge fits into the battery installation opening, and slip it into place. Always insert it all the way until it locks in place with a slight click. If it does not, it may accidentally fall out of the tool, causing injury to you or someone around you.

5. Do not use force when inserting the battery cartridge. If the cartridge does not slide in easily, it is not being inserted correctly.

Caution: Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released. To start the tool, simply pull the switch trigger. The tool speed is increased by increasing pressure on the switch trigger. Release the switch trigger to stop.



6. Electric brake

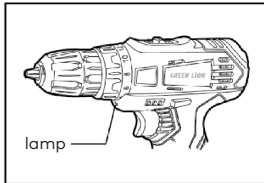
This tool is equipped with an electric brake. If the tool consistently fails to quickly stop after releasing the switch trigger, have the tool serviced at a service center.

Using the Front Lamp

Caution: Do not look into the light or the source of light directly.

Pull the switch trigger to turn on the light. The lamp keeps lighting while the switch trigger is being pulled. The lamp turns off 10-15 seconds after releasing the trigger.

Note: Use a dry cloth to wipe the dirt off the lens of the lamp. Be careful not to scratch the lens of the lamp, as this could lower its illumination.

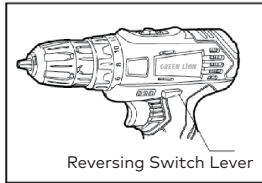


Reversing Switch

This tool has a reversing switch to change the direction of rotation. Depress the reversing switch lever from the A side for clockwise rotation or from the B side for counterclockwise rotation. When the reversing switch lever is in the neutral position, the switch trigger cannot be pulled.

Caution:

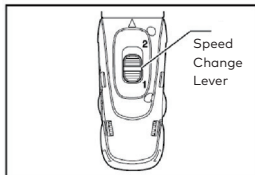
- a. Always check the direction of rotation before operation.
- b. Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.
- c. When not operating the tool, always set the reversing switch lever to the neutral position.



Changing the Speed

To change the speed, first switch off the tool, then slide the speed change lever to the "2" side for high speed or the "1" side for low speed. Be sure that the speed change lever is set to the correct position before operation. Use the right speed for your job.

Caution: Always set the speed change lever fully to the correct position. If you operate the tool with the speed change lever positioned halfway between the "1" side and the "2" side, the tool may be damaged. Do not use the speed change lever while the tool is running as it may cause damage to the tool.



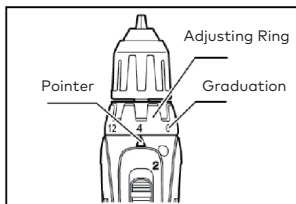
Adjusting the Fastening Torque

1. The fastening torque can be adjusted in 18 steps by turning the adjusting ring so that its graduations align with the pointer on the tool

body. The fastening torque is at a minimum when the number 1 aligns with the pointer, and at a maximum when the marking aligns with the pointer.

2. The clutch will slip at various torque levels when set between numbers 1 and 18. The clutch is designed not to slip at the maximum marking.

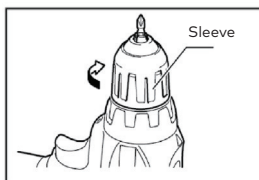
3. Before actual operation, drive a trial screw into your material or a piece of duplicate material to determine which torque level is required for a particular application.



Installing or Removing Bits

Caution: Always make sure the tool is switched off, and the battery cartridge is removed before carrying out any work on the tool.

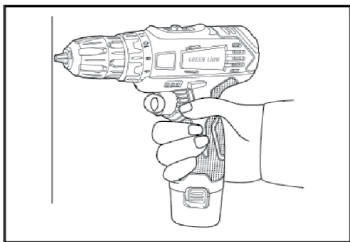
Turn the sleeve counterclockwise to open the chuck jaws. Place the bit in the chuck as far as it will go. Turn the sleeve clockwise to tighten the chuck. To remove the bit, turn the sleeve counterclockwise.



Operation Instructions

Caution: Always insert the battery cartridge all the way until it locks in place. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

1. Hold the tool firmly with one hand on the grip and the other hand on the bottom of the battery cartridge to control the twisting action.



2. Screwdriving Operation

Caution: Adjust the adjusting ring to the proper torque level for your work.

Place the point of the driver bit in the screw head and apply pressure to the tool. Start the tool slowly and then increase the speed gradually. Release the switch trigger as soon as the clutch cuts in.

Caution: Make sure that the driver bit is inserted straight in the screw head, or the screw and/or bit may be damaged.

Note: When driving wood screws, pre-drill pilot holes to make driving easier and to prevent splitting of the workpiece. See the chart.

Nominal diameter of wood screw (mm)	Recommended size of pilot hole (mm)
3.1 (1/8")	2.0 - 2.2 (5/64" - 3/32")
3.5 (9/64")	2.2 - 2.5 (3/32" - 3/32")
3.8 (5/32")	2.5 - 2.8 (3/32" - 7/64")
4.5 (11/64")	2.9 - 3.2 (7/64" - 1/8")
4.8 (3/16")	3.1 - 3.4 (1/8" - 9/64")
5.1 (13/64")	3.3 - 3.6 (1/8" - 9/64")
5.5 (7/32")	3.7 - 3.9 (9/64" - 5/32")
5.8 (7/32")	4.0 - 4.2 (5/32" - 11/64")
6.1 (15/64")	4.2 - 4.4 (11/64" - 11/64")

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.



Warranty

Products that you buy directly from our **Green Lion** website or shop come with a 24-month warranty.

When you buy **Green Lion** products from any of our approved sellers, you only get a 12-month warranty. If you want to extend this warranty, go to our website at [**https://www.greenlion.net/warranty**](https://www.greenlion.net/warranty) and fill out the form with your information. Don't forget to upload a picture of the product too. After we've checked and accepted your request, we'll send you an email to confirm that your product's warranty has been extended.

For more info, please check:

[**https://www.greenlion.net/warranty**](https://www.greenlion.net/warranty)

Contact Us

If you have any questions about this Privacy Policy, please contact us at:

Website: [**https://www.greenlion.net/**](https://www.greenlion.net/)

Sales: [**sales@greenlion.net**](mailto:sales@greenlion.net)

Service Support: [**Support@greenlion.net**](mailto:Support@greenlion.net)

Telegram: [**@greenlion_global**](https://t.me/greenlion_global)

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