

Instruction manual

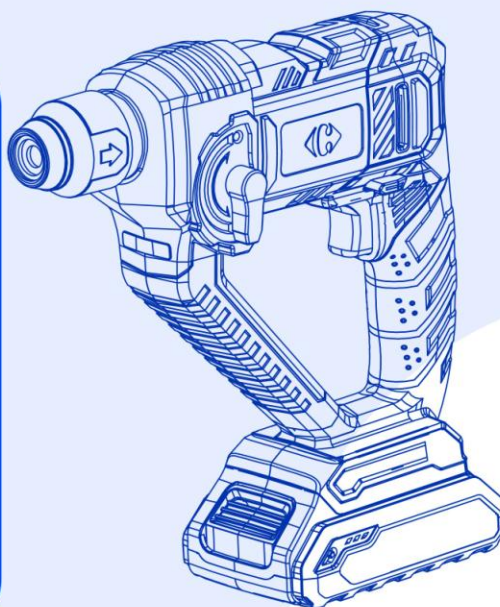
# Cordless Rotary Hammer

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CCHD20V2A (DY94277)



ORIGINAL INSTRUCTIONS





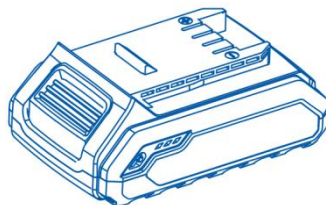
**Congratulation on your purchase.**

**The quality team at CARREFOUR cares for its products to meet conformity and performances.**

**Paying close attention to your satisfaction, our experts work all day on the improvement of our products.**



For assembly and/or maintenance and/or use of your product, you can use:



These products are available in CARREFOUR stores.



## **Read this manual carefully**

For a better use of your new device, we recommend you to read carefully this Instruction Manual and keep it for record.

Keep it carefully for future reference.









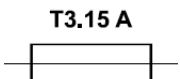



Please also find information about the scraping of the product in this Instruction Manual.



## **Safety instructions**

Before installing or using this product, please read carefully the safety measures after the table of contents.

## Pictograms used

	Warning symbols with information on damage and injury prevention.
	Read the operation instructions carefully.
	Read and understand all instructions before operating the product. Follow all warnings and safety instructions.
	Electrical products must not be disposed of with the domestic waste.
	Protect the rechargeable battery from sunlight and heat (max.50°C) .
	Protect the rechargeable battery from water and moisture.
	Protect the rechargeable battery from fire.
	The charger is for indoor use only.
	Miniature fuse
	Protection class II (double insulation)
	Wear hearing protection.
	Wear safety glasses.

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# SAFETY INSTRUCTIONS

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## GENERAL POWER TOOL SAFETY WARNINGS

**WARNING** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated(cordless) power tool.

### 1. Work area safety

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

### 2. Electrical safety

- a) **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 risk of electric shock.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **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.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### 3. Personal safety

- a) **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.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these**

are connected and properly used. *Use of dust collection can reduce dust-related hazards.*

**h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

#### **4. Power tool use and care**

**a) Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*

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

**c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

**d) 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 power tool.** *Power tools are dangerous in the hands of untrained users.*

**e) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*

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

**g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

**h) Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

#### **5. Battery tool use and care**

**a) 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.*

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

**c) When 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 make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*

**d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

**e) Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*

**f) Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*

**g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

#### **6. Service**

**a) Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

**b) Never service damaged battery packs.** *Service of battery packs should only be performed by the*

manufacturer or authorized service providers.

## **SPECIFIC SAFETY WARNINGS FOR HAMMER DRILLS**

- a) **Wear ear protectors.** Exposure to noise can cause hearing loss.
- b) **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
- c) **Brace the tool properly before use.** This tool produces a high output torque and without properly bracing the tool during operation, loss of control may occur resulting in personal injury.
- d) **Hold the power tool by the insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

## **SAFETY INSTRUCTIONS WHEN USING LONG DRILL BITS WITH ROTARY HAMMERS**

- a) **Always start drilling at low speed and with the bit tip in contact with the workpiece.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*
- b) **Apply pressure only in direct line with the bit and do not apply excessive pressure.** *Bits can bend, causing breakage or loss of control, resulting in personal injury.*

## **ADDITIONAL INSTRUCTIONS FOR THE HAMMER DRILLS**

- a) **Wear a dust mask**
- b) **Vibration can be harmful to the human hand-arm system.** Keep the vibration exposure time to a minimum.
- c) **During operation hold onto the hammer drill with both hands.** Make sure that you stand firmly on the ground.
- d) **Secure the workpiece.** The grip of tensioning devices or a vice is more secure than holding the workpiece only by hand.
- e) **Before starting to work, always make sure that the insertion tool is firmly clamped inside the drill chuck.** Insertion tools that are not locked in place could be catapulted out of the power tool upon switch-on and lead to injuries.
- f) **Before switching on the power tool, ensure that the insertion tool can move freely.** If the device is switched on with a jammed insertion tool, the resulting forces can be extreme causing the device to kick out sideways.
- g) **Immediately switch off if the insertion tool gets jammed.**
- h) **Only start a percussive function while holding it against a workpiece (wall, ceiling, etc.)**
- i) **Wait till the hammer drill has come to a standstill, before putting it down.**
- j) **For any work on the device, as well as transport or storage, set the switch for the rotational direction to center position (locked)**
- k) **Avoid drilling in lead paint or other harmful materials**
- l) **Ensure that you are NOT likely to hit power, gas or water supply lines when you are working with power tool.** If necessary, check with a service line detector before you start to cut or drill into a surface.

## **SPECIAL SAFETY INSTRUCTIONS FOR BATTERY-OPERATED TOOLS**

- a) **Ensure that the tool is switched off before inserting the battery.** Inserting a battery into a tool that is

switched on may result in accidents.

- b) **Recharge the batteries indoors only because the battery charger is designed for indoor use only.** Risk of electric shock.
- c) **To reduce the electric shock hazard, unplug the battery charger from the mains before cleaning the charger.**
- d) **Do not subject the battery to strong sunlight over long periods and do not leave it on a heater.** Heat damages the battery and this is risk of explosion.
- e) **Allow a hot battery to cool before charging.**
- f) **Do not open up the battery and avoid mechanical damage to the battery. Risk of short circuit and fumes may be emitted that irritate the respiratory tract.** Ensure fresh air and seek medical assistance in the event of discomfort.
- g) **Do not use non-rechargeable battery.** This could damage the appliance.
- h) **The recommended ambient temperature range for the charging system during charging is from 4°C to 40 °C.**
- i) **The recommended ambient temperature range for tool and battery storage is from 0°C to 50 °C.**
- j) **The recommended ambient temperature range for tool and battery use is from -5°C to 50 °C.**
- k) **Remove the battery from the device before storage.**
- l) **Electrolyte leaking from the cells can cause damage to the skin, clothes or any other items exposed to it. If the electrolyte contacts the skin or clothes, wash thoroughly with clean water. If the electrolyte enters into the eyes, do not rub the eyes but flush them immediately with copious amounts of clean water such as tap water, and immediately consult a doctor.**
- m) **Do not disassemble or modify the battery, which can cause short-circuiting between cells or between the cell and its wiring, and disables the battery's safety protection system. These can lead to electrolyte leakage, overheating or a cell or battery, bursting and fire.**
- n) **Avoid casual or inadvertent shorting of a battery with metallic objects such as: wire, tools, neckless or hairpins, which can cause short-circuiting, which cause excess current flow, electrolyte leakage, heating of cells or batteries, bursting and fire.**
- o) **Keep battery away from a fire or heat. The insulation materials will melt and the gas release vent and protection system will be damaged, causing electrolyte leakage, bursting and possibly fire.**
- p) **Not allow the battery to contact with water or gets wet, it may short-circuit, overheat, rust or lose its functions.**
- q) **Do not expose the battery to mechanical shock, for example, by dropping, throwing or crushing, causing electrolyte leakage, cell and battery heating, bursting and fire.**
- r) **Avoid the battery to directly connect to electric source such as a car lighter socket, or car battery, which may cause excess current to flow at high voltage and can cause electrolyte leakage, overheating of a cell or battery, bursting and fire.**

## **SAFETY INSTRUCTIONS FOR CHARGER**

- **This charger can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the charger in the safe way and understand the hazards involved. Children**



shall not play with the charger. Cleaning and user maintenance of the charger shall not be made by children without adult supervision.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Only use this charger CCH20V to charge the battery pack CBA20V2A.
- To charge the battery, use only the charger supplied
- Never charge non-rechargeable batteries.
- During charging the batteries must be placed in a well ventilated area.

### **VIBRATION AND NOISE REDUCTION**

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimize the vibration and noise exposure risks:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct attachments for the product and ensure they are in good condition.
4. Keep tight grip on the handles surface.
5. Plan your work schedule to spread any high vibration tool use across a longer period of time.

### **RESIDUAL RISK**

Even if properly operating and handling this product in accordance with all the safety requirements, potential risks of injury and damage remain. Due to its construction and build, this tool may present the following hazards:

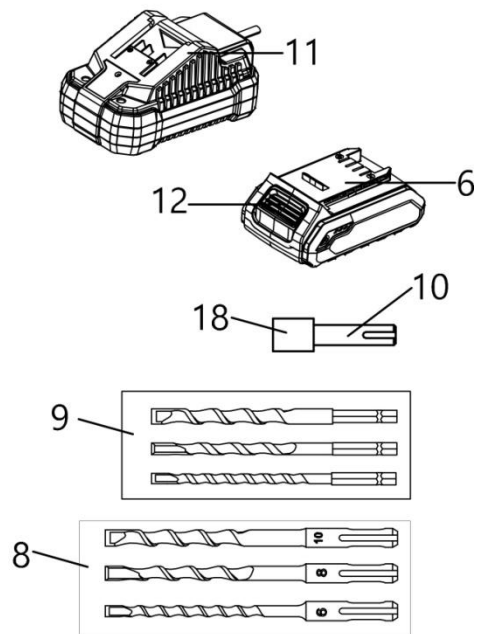
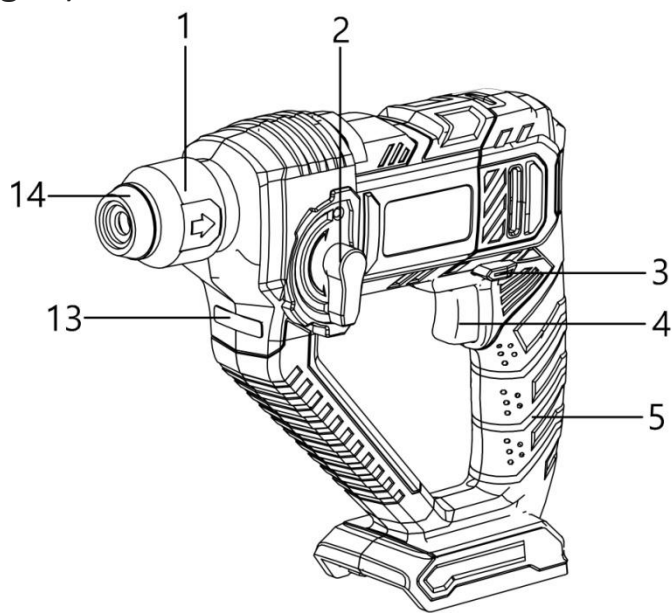
1. Electric shock from insufficient insulation. Do not use the product when the product or your hands are damp or wet.
2. Ear damage if working without ear protection.
3. There is a risk of a short-circuit due to liquid penetrating the housing. Do not immerse the product and the accessories in water. And make sure that no water or other liquid can enter the housing.
4. The tool holder must be firmly locked in place before switching the product on, for an insufficiently or incorrectly clamped accessory could be catapulted out of the tool holder uncontrollably upon switch-on.
5. Damage to your health caused by swinging your hands and arms when operating the tool for longer periods of time or if the tool is not held or maintained properly.



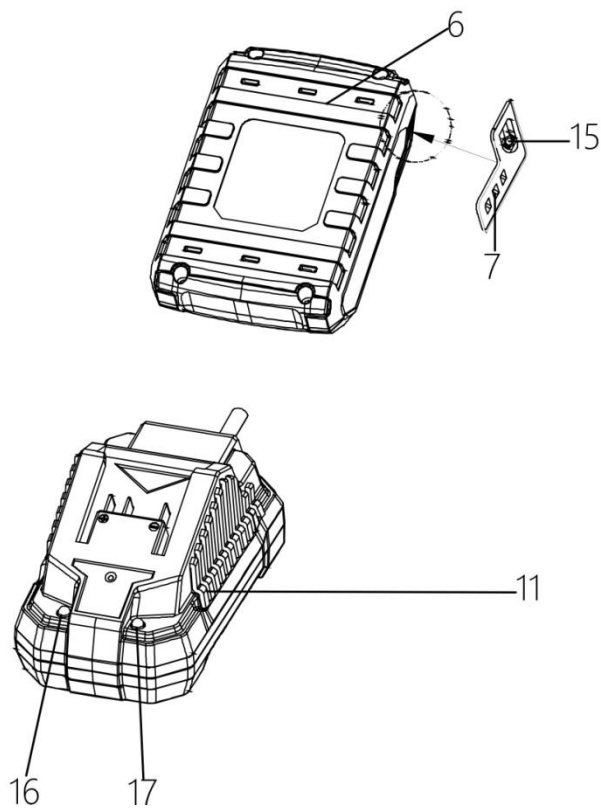
**Warning!** During operating, the product generates an electromagnetic field which, under certain circumstances, may impair the functionality of active or passive medical implants. To reduce the risk of serious or lethal injuries, we recommend that persons with medical implants consult their doctor and the manufacturer of their medical implant before operating the electric tool.

# PRODUCT DESCRIPTION

(Fig. A)



B



## OVERVIEW (Fig. A)

1. SDS-plus system tool holder
2. Function selector switch
3. Switch for clockwise/counter-clockwise rotation and lock
4. ON/OFF switch
5. Handle
6. Battery pack
7. Battery level indication (LED)
8. SDS Drill bit
9. HSS drill bit
10. SDS bit adaptor
11. Charger
12. Battery release button
13. LED light
14. Dust protection cap
15. Battery charge level button
16. GREEN Charge control
17. RED charge control
18. SDS adaptor lock

## DEVICE DESCRIPTION

The cordless rotary hammer comes equipped with a hammer mechanism for high impact power and is suitable for mobile use. The infinitely variable impact rate and speed control allows you to optimally adjust the exertion of force to every application and material.

The SDS-plus system tool holder makes it possible to exchange the insertion tools easily and without the need for further tools. An optionally installable SDS bit adapter allows the use of standard accessories.

The device comes with a drilling setting and a hammer drilling setting. A function selector switch permits the simple switch-over between functions.

The integrated LED work lamp offers an improved illumination of the workpiece or working surface.

The battery comes with its own battery level indication. As a result, you can check the current charging status without having to connect it to the device.

## TECHNICAL DATA

Rated voltage	20V d.c.
Rated no-load speed, no:	0-1100/min
Rated impact rate	0-6000 bpm
Impact energy	1.3J
Max. Drilling capacity	Steel 8mm Wood 16mm Concrete 10mm
Weight (without charger)	1.7kg
<b>Battery pack</b>	<b>CBA20V2A</b>
Type	Li-ion
Rated voltage	20V d.c.
Capacity	2.0Ah (40Wh)
<b>Battery charger</b>	<b>CCH20V</b>
Rated input	230-240V, 50Hz
Rated input Power	65W
Rated output	21.5V d.c.

Charging current	2.4A
Charging time	Approx. 60min
Protection class	II
<b>Noise emission value</b>	
Noise measurement value determined in accordance with EN 62841-2-6	
L <sub>PA</sub>	84.8dB(A)
Uncertainty K	3dB(A)
L <sub>WA</sub>	95.8dB(A)
Uncertainty K	3dB(A)
<b>Vibration emission value</b>	
Vibration value determined in accordance with EN 62841-2-6	
a <sub>h,D</sub>	7.191 m/s <sup>2</sup>
Uncertainty K	1.5 m/s <sup>2</sup>

- The declared vibration total values and the declared noise emission values have been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared vibration total values and the declared noise emission values may also be used in a preliminary assessment of exposure.

### WARNINGS

- The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed; and
- It is necessary to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time)

## INTENDED USE

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The product is designed for:

1. for screwing in and loosening screws,
2. for drilling in wood, plastic, ceramic and metal,
3. for hammer drilling in brick, concrete and rock whilst adhering to the technical data.

This product is only for domestic and indoor use and not for commercial use. Any other uses or modification to the product are deemed to be improper usage and carry a significant risk of accidents. The manufacturer accepts no responsibility for damage(s) attributable to misuse.

## BEFORE USE

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### UNPACKING

1. Unpack all parts and lay them on a flat stable surface
2. Make sure the delivery contents are complete and free of damage. If you find that parts are missing or show damage, do not use the product but contact your dealer/service center. Do not use the product unless missing parts have been delivered in addition or defective parts have been replaced. Using an incomplete or damaged product represents a hazard to people and property.

3. Ensure that you have all the accessories and tools needed for assembly and operation.

## **SCOPE OF THE DELIVERY**

Carefully unpack and check that it is complete:

- 1x Battery-operated Rotary Hammer
- 1x battery pack
- 1x battery charger
- 3x SDS drill bits (Φ6/8/10mm x 150mm)
- 3x HSS drill bits Φ5/6/8mm with hexagon retainer
- 1x SDS bit adaptor
- 1x transport case
- 1x Instruction manual

## **CHARGING THE BATTERY PACK (FIG. B)**

**Note:**

- **The battery can be damaged in case of improper charging.**
- **Remove the charger's mains plug before inserting or removing the battery.**

The battery is partially charged upon delivery to avoid damage to the battery caused by a deep discharge. Prior to initial start-up and when the battery is low, the battery should be charged. To do so, please proceed as follows (Fig. B):

1. Slide the battery pack (6) onto the charger (11) upside down till it locks in place.
2. Insert the mains plug of the charger (11) into a properly fused mains socket. The RED charge control LED (17) is illuminated; and charging requires approx. 60min.
3. Wait until the RED charge control LED (17) goes out and green charge control LED (17) is illuminated, the battery is fully charged.
4. Hold onto the mains plug while pulling the power cable of the charger out of the mains socket. The battery pack (6) and the charger (11) may have become warm during charging, allow the battery to cool down to room temperature.
5. Take the battery (6) out of the charger (11) by pressing and holding the battery release button (12) and pulling the battery pack (6) out of the charger (11).

## **REMOVING /INSERTING THE BATTERY**

1. Set the switch for clockwise/counter-clockwise rotation (3) to center position (lock).
2. Insert the battery pack (6), place it on a guide track and push it back into the battery holder. It will audibly snap in.
3. Detach the battery pack (6) from the tool, press the battery release button (12) on the battery pack (6) and pull the battery out.

## **CHECKING THE BATTERY CHARGING LEVEL**


The battery comes with an integrated battery level indication.

The battery status is displayed as follows by the three LEDs of the battery level indication (LED) (7).

LED color	Meaning
Green-Orange-Red	Maximum charge/power
Orange-Red	Medium charge / power
Red	Weak charge – Recharge the battery

Press on the battery charge level button (15) on the battery pack (6). You can read the battery status from the battery level indication (LED) (15).

## **INSERTING /REMOVING DRILL BIT IN SDS**

 **WARNING! Remove the battery pack before carrying out any work on the product. Unintentional activation of the ON/OFF switch can result in injury.**

1. Set the switch for clockwise/counter-clockwise rotation (3) to center position (lock)
2. Push the SDS-plus system tool holder (1) to the rear and hold it there.
3. Insert the SDS drill bit (8) into the SDS system tool holder (1).
4. Let go of the SDS-plus system tool holder (1)
5. Check the SDS drill bit (8) for tight fit.

## **USING THE SDS BIT ADAPTOR**

 **WARNING! Remove the battery pack before carrying out any work!**

1. Push the SDS-plus system tool holder (1) to the rear and hold it there.
2. Insert the SDS bit adapter (10) into the SDS-plus system tool holder.
3. Let go of the SDS-plus system tool holder (1).
4. Check the SDS bit adapter (10) for tight fit.
5. Pull the lock (19) of the SDS bit adapter to the rear and insert a bit (e.g. HSS drill bit, 9).
6. Let go of the SDS adapter lock (18). The tool holder of the SDS bit adapter (10) is locked.
7. Make sure that the tool is attached securely.
8. Push the SDS adaptor lock (18) of the SDS bit adapter (10) to the rear to remove the bit.

# **OPERATION**

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## **SWITCHING ON AND OFF**

**Wear your personal protective equipment when working with the device.**


1. Check whether the fixed tool is suitable for the intended application.
2. Check whether the workpiece is secured and the worktop prepared correspondingly.
3. Check whether the correct rotational direction is selected.
4. If you work with activated impact mechanism, press the tool against the workpiece.
5. Hold onto the device with both hands.
6. Press the on/off switch (4) and hold it during operation.

- **Switch ON:** Press the on/off switch (4) to start ; and the LED light (10) is illuminated
- **Switch OFF:** Release the ON/OFF switch (4) to stop, and the LED light (10) turns off.

## ADJUSTING THE ROTATION SPEED

Press the ON/OFF switch (4) lightly for a low speed. Increasing the pressure can increase the speed. Pressing to the deepest is the highest speed.


## SETTING THE ROTATION DIRECTION

 **Warning! Operate the forward and reverse rotation control only when the product is at a standstill. Otherwise the device might be damaged.**

The motor's rotational direction can be changed by means of the switch for clockwise/counter-clockwise rotation (3).

1. Press in the switch for clockwise/counter-clockwise rotation (3) on the side to which the motor shall rotate.
2. Carry out a short test run to see whether the rotational direction matches the intended application. A wrong rotational direction may damage the tool and / or workpiece.
3. If required, set the switch for clockwise/ counter-clockwise rotation (3) to center position (lock) to block the on/off switch.

## FUNCTION MODE SELECTION

 **Warning! Changing the function mode only when the product is at a standstill. Otherwise the tool could be damaged**

- ◆ Use the function mode selector (2) to select the operating mode.
- ◆ To change the operating mode, turn the function mode selector (2) to the desired position.



Hammer drilling



Drilling only

## TIPS AND NOTES ON HANDLING THE CORDLESS ROTARY HAMMER

### 1. General information:

- The center position of the switch for clockwise/counter-clockwise rotation (lock) is suited for work breaks or (drill) bit exchange.

### 2. Drilling in general:

- Take short breaks regularly during drilling.

- When doing so, take the drill bit out of the drill hole so that the drill bit can cool down.
- Secure the workpiece in a tensioning device or vice.
- Select the speed depending on the material characteristics and the size of the drill bit:
  - High speed for small drilling diameter or soft material
  - Low speed for large drilling diameter or hard materials.
- Select a low speed for spudding.
- Use a suitable aid to mark the intended location of the drill hole.

### 3. Drilling in metal:

- Use suitable metal drill bits (e.g. drill bits made of high-speed steel (HSS)).
- For larger drilling diameters, use a smaller drill bit for pre-drilling.
- To achieve ideal results, the drill bit should be cooled with a suitable lubricant.
- Metal drill bits may also be used for drilling in plastic.

### 4. Drilling in wood:

- Use drill bits suitable for wood.
- Place a block of wood under the workpiece or drill in from both sides so that the wood cannot break off when it is being drilled through.
- Use a wood drill bit with centering tip. For deep drill holes, use an auger bit; for large drilling diameters, use a Forstner bit.

### 5. Hammer drilling in masonry / bricks:

- Use a drill bit suitable for masonry / bricks.

### 6. Screwing:

When using screwdriver bits, always use a universal bit holder. Only use screwdriver bits that are suitable for the screw head.

## CLEANING & MAINTENANCE

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**⚠ WARNING! Risk of injury. Always switch the product off and remove the battery pack before carrying out any work on the product.**

1. Repair and servicing work not described in this manual should always be carried by our service center. Use only original parts.
2. The product must always be kept clean, dry and free from oil or grease.
3. Use a soft, dry cloth to clean the housing.
4. Keep the product and ventilation slots clean at all times. If the ventilation slots are blocked, there is a risk of overheating and /or the product being damaged.
5. Always clean the product after completion of work.
6. Never permit liquids to enter inside the product. Use a cloth to clean the housing. Never use petrol, solvents or cleansers which can damage the plastic.
7. If the battery is to be stored for an extended period, the charge level should be checked regularly. The optimum charge level is between 50% and 80%. The optimum storage environment is cool and dry.



# STORAGE AND TRANSPORTATION

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## STORAGE

1. Switch the product off and remove the battery pack (6).
2. Clean the product as described.
3. Store the product and its accessories in a dark, dry, frost-free, well-ventilated place.
4. Always store the product in a place that is inaccessible to children.
5. During a longer storage period, check the state of charge of the battery and recharge if necessary roughly every 3 months.
6. We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.
7. Regularly check the charge level of the battery pack (6), if it is to be stored for an extended period. Optimum storage conditions are cool and dry.

## TRANSPORTATION

1. Switch the product off and remove the battery pack (6).
2. Always carry the product by its handles.
3. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
4. Secure the product to prevent it from slipping or falling over.

# REPLACEMENT PARTS/ACCESSORIES

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## AVAILABLE ACCESSORIES

**⚠ WARNING!** Only use accessories and additional equipment specified in the operating manual. Using insertion tools or accessories other than those specific in the operating manual may cause a risk of injury. Only get the accessories from the Service Centre.

Spare charger & battery pack for 20V platform		
Charging time	Battery Pack CBA20V2A 2Ah	Battery Pack CB20V4 4Ah
Charger CCH20V	60min	120min
All 20V team shares the compatible charger and battery pack of 20V platform.		

## TROUBLESHOOTING

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**⚠ WARNING!** Only perform the steps described within these instructions. All further inspection, maintenance and repair work must be performed by an authorized service center or a similarly qualified specialist if you cannot solve the problem yourself. Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

Problem	Possible cause	Corrective action
Product won't start	Battery pack discharged	Recharge the battery
	Battery pack not inserted	Insert the battery pack
	On/off switch cannot be pressed properly	Check the switch and if rotation control is in the center position
	On/off switch is damaged	Send to the service center for repair
Different charging time	The battery pack is only partly charged	Recharge the battery pack
	Battery pack is very cold or hot	Allow the battery pack to return the normal ambient temperature, then recharge
Short battery working time	The battery pack is not fully charged	Fully charge the batter pack
	Heavy working condition such as working on hard wood, concrete	Charge the battery pack often
Drill bit does not penetrate	Check if select the operating mode	Select the correct operating mode.
	Check if the drill bit is suitable	Select the correct drill bit
	Check the rotation	Set the correct rotation
The product becomes hot	If the tool bit is suitable for the tasks to be carried	Select the suitable drill bit
	The vent is blocked	Keep the vent slot clear

**Note: if your device does not operate correctly after these check, please contact the Service Center.**

## DISPOSAL



To help the environment, please dispose of the product properly when it has reached the end of its useful life and not in the household waste. Information on collection points and their opening hours can be obtained from your local authority



### **Environmental damage through incorrect disposal of the batteries / rechargeable batteries.**

Remove the battery pack from the product before disposal. Batteries /rechargeable batteries may not be disposed of with the usual domestic waste. They may contain toxic heavy metals and are subject to hazardous waste treatment rules and regulations. Please dispose of batteries according to the relevant local requirements

# DECLARATION OF CONFORMITY

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**Carrefour Marchandises Internationales**  
**93, avenue de Paris**  
**91342 Massy**  
**France**

Herewith we declare that the product  
Cordless rotary hammer  
Model number: CCHD20V2A(DY94277)  
**S/N : 20210715184-20210715894**

Is in conformity with the following European Directives  
2006/42/EC  
2014/30/EU  
2011/65/EU & (EU) 2015/863  
2014/35/EU

And the harmonized standards  
EN 62841-1:2015  
EN IEC 62841-2-6:2020+A11:2020  
EN 55014-1:2017+A11:2020  
EN 55014-2:2015  
EN IEC 61000-3-2:2019  
EN 61000-3-3:2013+A1:2019  
EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019  
EN 60335-2-29: 2004+A2:2010+A11:2018  
EN 62233:2008

Manufacturer and name of the authorised representative of the technical documentation

Signature

Place and date:

# WARRANTY

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The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

**The warranty does not cover breakdowns due to:**

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

**The warranty does not extend to:**

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

**READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.**

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

**+33 (0)9.70.75.30.30**  
**<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.

Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



# PRODUCT FAILURE

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## WHAT TO DO IF MY MACHINE BREAKS DOWN?

### **If you bought your product in a store:**

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Go to the store with the complete machine and with the receipt or invoice.

### **If you bought your product on a website:**

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).

Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

**Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.**

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



# WARRANTY EXCLUSIONS

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## THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage\*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

\* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

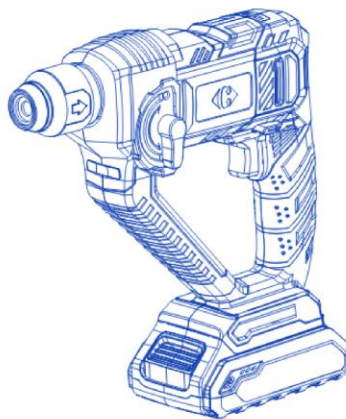
**Attention:** all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

**Reminder:** the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

### **Information:**

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

Staple here your receipt



Product	Ref	EAN
Cordless Rotary Hammer	DY94277	3616474461901



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## For any comments or suggestions

Carrefour Consumer service  
– CMI  
TSA 91431  
91343 MASSY Cedex  
France  
[www.carrefour.fr](http://www.carrefour.fr)

 **N°Cristal** **09 69 39 70 00**

APPEL NON SURTAXE

More information on  
[www.mycarrefourdocs.com](http://www.mycarrefourdocs.com)