

# ROCKWELL® *ShopSeries™*



**CORDLESS DRILL**

**EN**

**WARRANTY** **2** **YEARS**

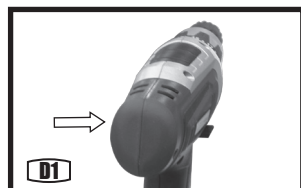
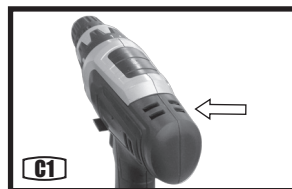
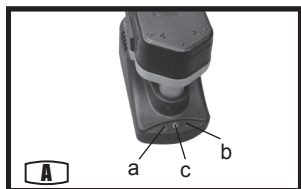
**RS2212**



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## COMPONENT LIST

- 1 ON/OFF SWITCH**

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- 2 LED LIGHT**

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- 3 KEYLESS CHUCK**

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- 4 TORQUE ADJUSTMENT RING**

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- 5 FORWARD/REVERSE ROTATING CONTROL**

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- 6 SOFT GRIP HANDLE**

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- 7 BATTERY PACK UNLOCKING BUTTON**

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- 8 BATTERY PACK**

**Not all the accessories illustrated or described are included in standard delivery.**

## ACCESSORIES

1000mAh Ni-Cd battery pack	1
1hr charger	1
Double ended bits	1

Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

## GENERAL POWER TOOL SAFETY WARNINGS



**WARNING: Read all safety warnings and all instructions.** Failure to follow the warnings

and instructions 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 your 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 bystanders, children, and visitors 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 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 adjusting keys or wrench before turning the 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, clothing and gloves 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 these devices can reduce dust-related hazards.

### 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 the battery pack 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. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools 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 and in the manner intended for the particular type of power tool, 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.

### 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.

**6. SERVICE**

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

**DRILL SAFETY WARNINGS**

1. **Wear ear protectors when impact drilling.**  
Exposure to noise can cause hearing loss.
2. **Use auxiliary handle(s), if supplied with the tool.**  
Loss of control can cause personal injury.
3. **Hold power tool by 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.

**General Safety Warnings for your Battery Charger**

 **WARNING: Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

**Additional safety instructions for your Battery Charger**

1. Before charging, read the instructions.
2. For charge Ni-Cd battery pack only.
3. 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.
4. The battery terminal not connected to the chassis has to be connected first. The other connection is to be made to the chassis, remote from the battery and fuel line. The battery charger is then to be connected to the supply mains.
5. After charging, disconnect the battery charger from the supply mains. Then remove the chassis

- connection and then the battery connection.
6. Do not charge a leaking battery.
7. Do not use chargers for works other than those for which they are designed.
8. Before charging, ensure your charger is matching the local AC supply.
9. The charging device must be protected from moisture.
10. Do not use the charging device in the open.
11. Do not short out the contacts of battery or charger.
12. Respect the polarity "+,-" when charging.
13. Do not open the unit and keep out of the reach of children.
14. Do not charge the batteries of other manufactures or ill-suited models.
15. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
16. Keep battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
17. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
18. Do not recharge non-rechargeable batteries, as they can overheat and break.
19. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.
20. Charge only battery pack of the same model provided by manufacturer and of models recommended by manufacturer

## SYMBOLS



To reduce the risk of injury, user must read in instruction manual



Warning



Wear ear protection



Wear eye protection



Wear dust mask



N12702

C-Tick approval mark



Do not burn



Do not expose to rain or water



Indoor use only



Positive terminal



Negative terminal

## TECHNICAL DATA

Charge voltage	220-240V-50/60Hz
Battery voltage	12V
Rated No load speed	0-550/min
Max. torque	12N.m
Number of clutch position	20+1
Chuck capacity	Ø10mm
Max. drilling capacity	
Steel	8mm
Wood	16mm
Weight	1.4kg

## CHARGING PROCEDURE



**NOTE:** Before using the tool, read the instruction book carefully.

### INTENDED USE

The machine is intended for driving in and loosening screws as well as for drilling in wood, metal, and plastic.

### 1. CHARGING YOUR BATTERY PACK



**WARNING:** The charger and battery pack are specifically designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.

### 2. BEFORE USING YOUR CORDLESS IMPACT DRILL

Your battery pack is UNCHARGED and you must charge once before use. Your battery pack will not be fully charged until you have performed several charge and discharge operations by charging & working with your drill. After this your battery pack performance will improve.

### 3. To charge the battery (See Fig. A)

- Insert the charger plug into a suitable mains socket. Insert the battery pack (8) into the charger, the power indicator (green) (a) will illuminate.
- Press the charging start button (c) on the charger station. The green light (a) will switch off while the red light (b) will illuminate to indicate that charging is taking place.
- When fully charged, the red light (b) will go out while the green light (a) switches back on. Unplug the charger and remove the battery pack.



**!** **WARNING:** When battery charge runs out after continuously use or exposure to direct sunlight or heat, allow time for the tool to cool down before re-charging to achieve the full charge.

**NOTE:** A fully-discharged battery will take approximately 60 minutes to become fully charged. After 60 minutes, a timer circuit inside the charger will activate to switch off the charging system. When a partly discharged battery is charged, it may become fully charged before the timer circuit is activated. In this case, a safety cutout inside the battery pack will terminate the charging process. The safety cutout will also terminate the charging process if the internal temperature of the battery pack gets too high.

#### 4. TO REMOVE OR INSTALL BATTERY PACK (See Fig.B)

Locate latches on side of battery pack and depress both sides to release battery pack from your drill. Remove battery pack from your drill. After recharge insert the battery pack into drill's battery port. A simple push and slight pressure will be sufficient.

## OPERATING INSTRUCTIONS

### 1. ON/OFF SWITCH

Depress to start and release to stop your drill. The on/off switch is fitted with a brake function which stops

your chuck immediately when you quickly release the switch.



It is also a variable speed switch that delivers higher speed and torque with increased trigger pressure. Speed is controlled by the amount of switch trigger depression.

**!** **WARNING:** Do not operate for long periods at low speed because excess heat will be produced internally.

### 2. SWITCH LOCK

The switch trigger can be locked in the OFF position. This helps to reduce the possibility of accidental starting when not in use. To lock the switch trigger, place the direction of rotation selector in the center position.

### 3. REVERSIBLE (See Fig. C1, C2)

For drilling and screw driving use forward rotation marked "  " (lever is moved to the left). Only use reverse rotation marked "  " (lever is

moved to the right) to remove screws or release a jammed drill bit.

**!** **WARNING:** Never change the direction of rotation when the chuck is rotating. Wait until it has stopped.

### 4. CHUCK ADJUSTMENT (See Fig. D)

To open the chuck jaws rotate the front section of the chuck. Insert the drill bit between the chuck jaws and rotate the front section in the opposite direction. Ensure the drill bit is in the center of the chuck jaws. Finally, firmly rotate the front chuck section in the opposite directions. Your drill bit is now clamped in the chuck.

### 5. TORQUE ADJUSTMENT AND HAMMER OR DRILLING CONTROL (See Fig. E)

(Screw driving force of your drill driver)

The torque is adjusted by rotating the torque adjustment ring. The torque is greater when the torque adjustment ring is set on a higher setting. The torque is less when the torque adjustment ring is set on a lower setting.

When drilling in wood, metal, plastic and screwdriver choose the drill position .

Make the setting as follows:

1 - 4 for driving small screws

5 - 9 for driving screws into soft material

10 - 14 for driving screws into soft and hard material


15 - 19 for driving screws into hard wood

20 for driving larger screws

 for heavy drilling

## 6. DRILLING

When drilling hard smooth surfaces, use a center punch to mark the desired hole location. This will prevent the drill bit from slipping off center as the hole is started. Hold the tool firmly and place the tip of the bit at the point to be drilled. Depress the switch trigger to start the tool. Move the drill bit into the work-piece, applying only enough pressure to keep the bit drilling. Do not force or apply side pressure to elongate a hole.

 **WARNING: Tungsten carbide drill bits should always be used for concrete and masonry. When drilling in metal, only use HSS drill bits in good condition. Always use a magnetic bit holder when using short screwdriver bits. When screw-driving, apply a small quantity of liquid soap or similar to the screw threads to ease insertion.**

## 7. USING THE SIGHT LIGHT

The sight light allows you to keep a clear view under less illuminated circumstances. To turn on the light simply press the on/off switch. When you release the on/off switch, the light will be off.


## PROBLEM SOLUTION

### 1. WHY DOES THE DRILL NOT TURN ON WHEN YOU PRESS THE SWITCH?

The forward/reverse rotation control, which is on top of the trigger, is positioned in the lock function. Unlock the forward/reverse rotation control by putting it into the required rotation position. Push the trigger and the drill will start to rotate.

### 2. THE DRILL STOPS BEFORE THE SCREW IS COMPLETELY TIGHTENED. WHY?

Verify the torque position of the variable clutch, you can find the variable clutch between the chuck and

the drill body. Position 1 is the lowest torque (screw driving force) and position 20 is the highest torque (screw driving force). Position  is for drill operation. Regulate the variable clutch to a higher position to reach the best result.

### 3. I CANNOT FIT THE BATTERY INTO THE BATTERY CHARGER. WHY?

The battery can be inserted into the charger only in one direction. Turn the battery around until it can be inserted into the slot.

### 4. REASONS FOR DIFFERENT BATTERY PACK WORKING TIMES.

Charging time issues, as above, and having not used a battery pack for a prolonged time will reduce the working life of the battery pack. This can be corrected after several charge and discharge operations by charging & working with your drill. Heavy working conditions such as large screws into hard wood will use up the battery pack energy faster than lighter working conditions. Do not re-charge your battery pack below 0°C and above 30°C as this will affect performance.

## MAINTENANCE

**Remove the battery pack from the tool before carrying out any adjustment, servicing or maintenance.**

Your tool requires no additional lubrication or maintenance.

There are no user serviceable parts in your tool, battery pack or charger. Never use water or chemical cleaners to clean your tool. Wipe clean with a dry cloth. Always store your tool in a dry place. Keep the motor ventilation slots clean. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

**Staple your purchase receipt here  
Before returning this product for  
warranty or any other reason, please call.**

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