

HYUNDAI
POWER PRODUCTS

CORDLESS DRILL

HPVD122B

ORIGINAL INSTRUCTIONS



WARNING: Read thoroughly the instruction manual before use

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1. SAFETY INSTRUCTIONS

 **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 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.*

NOTE the term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

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 connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energizing 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, 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 dust collection 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 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.**

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.*

Drill safety warnings

- **Wear ear protectors when impact drilling.** *Exposure to noise can cause hearing loss.*
NOTE the above warning applies only to impact drills and may be omitted for drills other than impact drills.
- **Use auxiliary handle(s), if supplied with the tool.** *Loss of control can cause personal injury.*
- **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.*
- **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.*

2) Safety instructions when using long drill bits

- a) **Never operate at higher speed than the maximum speed rating of the drill bit.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*
- b) **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.*
- c) **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

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure
- We recommend that you clean the device immediately each time you have finished using it
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock
- The electrical current used must correspond to the specifications of the battery charger; read carefully the instructions and technical specifications of the charger and the battery.
- Never allow moisture, rain or splash to reach the recharging location.
- The ambient temperature should never exceed 40 ° C. Never expose the unit to direct sunlight.
- A faulty or damaged battery pack or no longer accepting a load must be disposed of at a special collection point. Respect the environment. Do not dispose of an unusable battery pack with household waste in the fire or in water.
- Always keep the surface of the charger free of dust and dirt.
- Always remove the battery pack before performing any operation or maintenance on the device.

Residual risks

Even with use of the tool as described, it is impossible to eliminate all residual risk factors. The following hazards may be present in connection with the construction and design of the tool:

1. Pulmonary lesions if an effective mask is not worn.
2. Hearing damage if effective hearing protection is not worn.
3. Body injuries caused by vibration emissions if the electrical appliance is used improperly or for a prolonged or poorly maintained period.

WARNING! This device produces an electromagnetic field during operation. This field may interfere in certain circumstances with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend that people with medical implants consult with their physician and the medical implant manufacturer before using this device.

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 appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without 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

WARNING: Do not recharge non-rechargeable batteries

Intended Use

This power tool is designed for drilling as well as for tightening and loosening screws. This power tool should not be used for purposes other than those described.

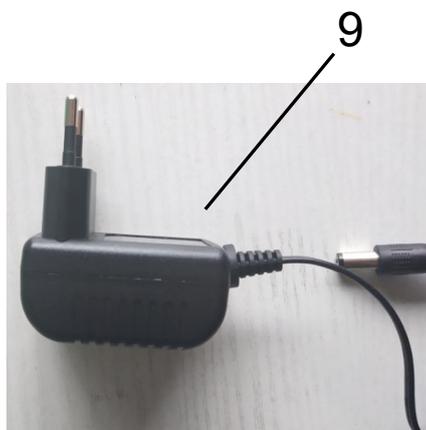
Explanation of symbols

	Do not dispose of old appliances with domestic rubbish		Do not dispose of batteries in fire. They could explode and cause injury
	To reduce the risk of injury, the user must read and understand this manual before using this product.		Do not dispose of batteries in water.
	Conforms to relevant safety standards		Recycling
	Do not expose batteries to temperatures exceeding 40 degrees.		

2. YOUR PRODUCT

a. Description

1. Keyless chuck
2. Torque control
3. Built in lamp
4. Trigger
5. Forward/Reverse switch
6. Rubber coated handle
7. Battery release knob
8. Battery pack
9. Charger



a. **Technical data**

Voltage	10.8Vd.c(max 12V).
No load speed	0-400/0-1500/min
Chuck	ϕ10mm
Torque setting	21+1
Battery Charger	Model: XZ1350-0400W/L Input 100-240V~50Hz/60Hz,0.3A Output 13.5V d.c. 400mA
Charging time	3.5h
Li-ion Battery	Model: CB1301 10.8Vd.c(max 12V) , 1300mAh 3pcs of 3.7V cells
Sound power level	LwA :92.5dB(A) K=3dB(A)
Sound pressure level	LpA: 81.5 dB(A) K=3dB(A)
Vibration	$a_{h,D}$ 1.168m/s ² , K=1,5m/s ² $a_{h,ID}$ 11,962 m/s ² K=1,5m/s ²

Information:

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value may also be used in a preliminary assessment of exposure.

Warning:

- that the vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used; and
- of the need 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).

Wear hearing protection.

3. OPERATION

a. **Charging**

Before using it for the first time, charge the battery for 180min to 210min. Insert the charger plug into the charging socket and plug the charger into a 100-240V/50Hz electrical outlet (check the electrical specifications of battery and the charger before use and read carefully the instruction manual for battery and charger).



Charge status

The battery is fully charged when the light is green.



b. Installation of the battery pack

- Insert the battery pack into the tool housing until it clicks in position.
- Make sure that the battery cannot be removed.



c. Removing the battery pack

- Press and hold the battery release knob. Then take the battery pack away from the tool.



d. Installing bits

- Rotate the chuck jaws setting until the opening is larger than the size of the bit intended to be used.
- Insert the bit into the chuck jaws
- Tighten the chuck jaws on the drill bit.
- Make sure that the bit is well installed in place. Failure when installation will create accidents and injuries

e. Removing bits

- Switch off the tool and put the reverse/forward switch in the center position.
- Open the chuck jaws and then pull the bit straight out.

f. Starting and stopping the operation

- Push the forward/reverse switch at the desired position (on the left for reverse position and on the right for the forward position).
- Move the drill bit into the workpiece. Push the trigger switch to start the operation.
- Apply enough pressure to keep the bit cutting. Do not force the tool or apply side pressure. Let the tool do the work. When necessary, increase the work speed by pushing the trigger.
- To change the position, release the trigger switch. Put the reverse/forward switch in the center position (never change directly the position). Push the forward/reverse switch to change the position. Push the trigger switch to restart the operation.
- To stop the operation, release the trigger switch. Then put the forward/reverse switch to the center position.

g. Drilling

Drilling hard smooth surfaces

Place a piece of masking tape onto the surface in the approximate position for the hole. Mark the position of the hole onto the masking tape this will prevent the drill from the skidding across the surface when the drill is started. Slowly drill through the surface.

Drilling metal

When drilling metal, use light oil in the drill bit to keep it from overheating. The oil will prolong the life of the bit and increase the drilling action

Masonry drilling

For maximum performance, use carbide-tipped masonry bits when drilling holes in brick, tile, concrete, etc.

For maximum performance, use high speed steel bits.

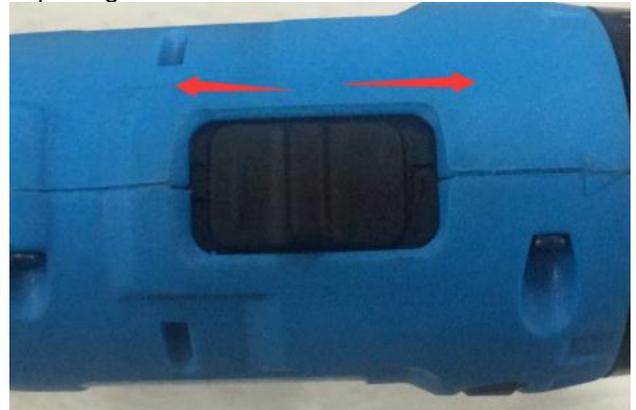
Apply light pressure and medium speed for best results in brick.

h. Two speed gear train

This drill comes with 2 speed gear train to give high and low speed ranges. To change between the two speeds ranges, slide the selector switch located on the top of the drill.

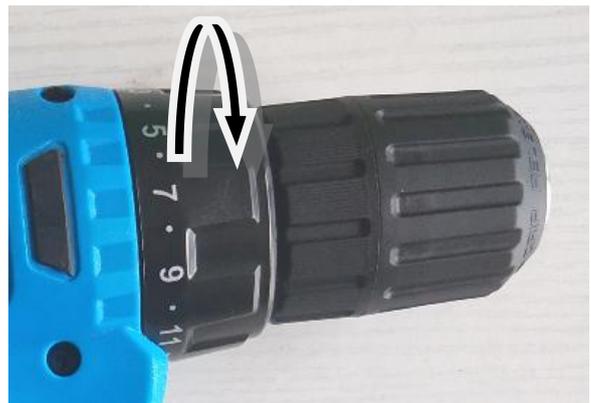
Use the low speed (L) for high power and torque applications and high speed (H) for fast drilling or driving applications.

Do not use the speed gear train while the tool is running. Always switch off the tool and put the reverse/forward switch in the central position before change the position of the speed gear.



i. Torque adjustment

This feature allows setting of the torque or tightening power of your drill and depending on the application, various levels of driving power are required. When driving larger screws diameters, a higher torque is required to drive the screw until it is properly seated. Rotate the torque collar until the desired torque setting aligns with the arrow of the drill body.



When the selected torque is reached, the chuck will stop rotating. The proper setting depends on the type of material and the size of screw you are using.

Note: always start on the lowest setting.

The drill symbol gives the highest torque setting and is used when drilling and for driving larger screws. Rotate the torque ring until the bit symbol aligns with the arrow on the drill body for drilling action (as show in below picture).



j. Working clamping

To prevent the drill from spinning the workpiece if the drill bit becomes jammed in the hole being drilled, it is recommended that a drill vice or other suitable clamp is used to secure the workpiece during the drilling operation. If the bit jams in the workpiece or if the drill stalls, stop the tool immediately. Remove the bit from the workpiece and determine the reason for jamming.

4. MAINTENANCE AND STORAGE

a. Maintenance

- Clean the housing only with a damp cloth. Do not use solvents! Then wipe thoroughly.
- Check the condition of the tool. If the tool is damaged or has malfunction, do not use it and bring it to a qualified service for inspection or reparation.
- To maintain the optimum battery power, we recommend that the battery be discharged and recharged every two months.

b. Storage

Remove the battery from the tool.

Store the tool in a dry place and protected from freezing, the ambient temperature should not exceed 50°C. Put it out of the reach of children.

5. DISPOSAL



Electric power tools, as well as their accessories and packaging, must each be able to follow an appropriate recycling pathway. Only for the countries of the European Union:

Do not throw away your electrical appliance with the household waste! In accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in national laws, power tools that can no longer be used must be separated and follow an appropriate recycling pathway.

HYUNDAI

POWER PRODUCTS

CE Declaration of conformity



BUILDER SAS

ZI, 32, rue Aristide Bergès- 31270 Cugnaux-France

Tel: + 33 (0) 5.34.502.502 Fax: + 33 (0) 5.34.502.503

Declares that the machinery designated below:

CORDLESS DRILL

HPVD122B

Serial number: 20210639968-20210640967

Complies with the provisions of the Directive «machinery» 2006/42/CE and national laws transposing it:

Also complies with the following European directives:

EMC DIRECTIVE 2014/30/UE

RoHS DIRECTIVE 2011/65/UE+2015/863/UE

Also complies with the following standards:

EN 62841-1:2015

EN62841-2-1:2018

EN55014-1:2017

EN55014-2:2015

EN 60335-1:2012+A11:2014

EN 60335-2-29: 2004+A2:2010

EN 62233:2008

EN 61558-1:2005+A1:2009

EN 61558-2-16:2009:A1:2013

EN 61000-6-1: 2007

EN 61000-6-3: 2007+A1:2011

EN 61000-3-2: 2014

EN 61000-3-3: 2013

Responsible for the technical file: M. Olivier Patriarca

Cugnaux, 28/02/2021

Philippe Marie/PDG

7. WARRANTY

HYUNDAI

WARRANTY

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).



8. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- b) 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:

- a) Empty the fuel tank if your product has one..
- b) 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.
- c) 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).
- d) 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

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

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.



9. WARRANTY EXCLUSIONS

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.

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POWER PRODUCTS

For Inquiries, please contact:

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<http://www.hyundaipower-fr.com/>

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