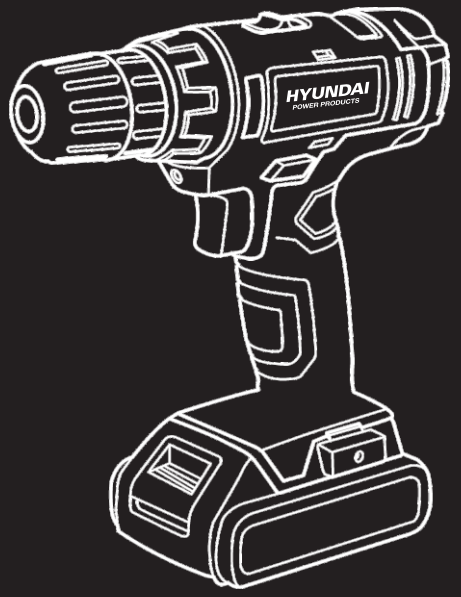
HYUNDAI
POWER PRODUCTS

HYUNDAI
POWER PRODUCTS

CORDLESS DRILL
HPVD18L-A2

Original instruction



For Inquiries, Please Contavt:

BUILDER SAS
32, rue Aristide Bergès Z1 31270 Cugnaux, France
Tel. +33 (0) 5.34.502.502 Fax: +33 (0) 5.34.502.503
http://www.hyundaipower-fr.com/
Made in PRC

Imported by BUILDER SAS, France Licensed by Hyundai Corporation, Korea

EN

CONTENTS

6. EC DECLARATION

HYUNDAI

POWER PRODUCTS

CE

Declaration of conformity

BUILDER SAS

ZI, 32 RUE ARISTIDE BERGES – 312070 CUGNAUX – FRANCE

Declares that the machinery designated below :

CORDLESS DRILL

Model : HPVD18L-A2

Serial number : 20190907002-20190908501

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

Also complies with the following European directives :

ROHS Directive (EU)2015/863 amending 2011/65/EU

Also complies with European standards, with national standards and the following technical provisions :

Hyundai battery model is same with the factory model CBA1700

EN62841-1:2015;EN62841-2-1:2018

EN55014-1:2006+A1:2009+A2:2011;

EN 55014-2:2015

Done at Cugnaux, 23/08/2019

Philippe MARIE / PDG

4. MAINTENANCE AND STORAGE

CAUTION! Do not use any products that may damage the unit (abrasives, corrosives, alcohol, steam cleaners, abrasive rags, scrapers, etc.).Do not put the unit in a dishwasher for cleaning!

The unit must be completely switched off, disconnected and cooled before cleaning.

a. Maintenance

o When necessary, you can clean the unit body with a soft, dry cloth.

o Check that the machine has not been damaged. If the machine is damaged, we recommend you to call a qualified technician to inspect the machine and make necessary repairs.

o Check the condition of the mandrels. Do not use worn or damaged mandrels.

o When necessary, charge the screwdriver.

b. Storage

Store the tool and its accessories in a dry, frost-free place.

The tool should always be kept out of the reach of children. We recommend to store the tool in its original packaging or covering it with a suitable fabric to protect it from dust.

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.

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.

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 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.

When the selected torque is reached the chuck will stop rotating (Pic. 5).

NOTE - Always start on the lowest setting.

this symbol [redacted] gives the highest torque setting and is used when drilling and for driving larger screws.

e) FORWARD & REVERSE SWITCh (PIC. 6)

This feature is selected via a slide switch located above the trigger. To select direction of the drill rotation simply push the button fully in on the left side for reverse rotation. To change to forward rotation,push the button fully in on the right side of the handle.

WARNING! The machine is designed as a drill and driver. Do not attach any other accessories other than those recommended.

NOTE - As a safety precaution from accidental engagement while being carried pushing the forward/reverse button into the middle or neutral

position will render the drill inoperative.

f) TWO SPEED GEAR TRAIN

This drill comes with a 2 speed gear train to give high and low speed ranges. To change between the two speed ranges slide the selector switch, located on top of the drill, Fig.7.

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

Do not use the speed speed gear train while the tool is running. The tool may be damaged.

g) LED WORK LIGHT

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

Pull the On/Off trigger to light up the lamp. The lamp keeps on lighting while the switch trigger is being pulled. The lamp goes out immediately after releasing the trigger.

h) HINTS FOR SCREW DRIVING

1) Use candle or bees wax on the screw threads to speed application.

2) Whenever possible drill small diameter pilot holes for faster screwing, eliminating the possibility of splitting the wood.

time. The Lithium-Ion battery can be charged at any time without reducing its service life.

Interrupting the charging procedure does not damage the battery..

When the battery charge indicator shows a green light the battery should be charged.

The charging procedure begins as soon as the mains plug of the battery charger is plugged into a socket outlet and the charge connector is plugged into the socket on the side of the battery (Pic.2).

The battery charge indicator on the plug shows the charging process. During the process the indicator shows a red light. When the battery charge indicator shows a green light, the battery is fully charged.

During the procedure, the handle of the tool warms up,this is normal.

The drill requires 1.5 hour to fully charge.

Disconnect the battery charger from the mains supply when not in use.

Note: The power tool cannot be used during the charge procedure.

b) VARIABLE SPEED CONTROL (PIC3)

Simply apply light pressure to the trigger to start the drill on a slow speed. Increasing the pressure will allow a variable speed increase. Always remove the battery before carrying out any adjustments or maintenance.

c) KEYLESS ChUCK OPERATION (PIC4)

The keyless chuck fitted to this drill/driver allows for the easy installation and removal of bits and drills (Pic.4).

The chuck has two rotating grips (A and B). Select the drill/driver bit required and insert it into the chuck jaws,turn grip A in a clockwise direction until jaws grip the drill/driver bit. With your free hand hold grip B firmly

and rotate grip A in a clockwise direction until it tightens onto the drill/driver bit. Do not use unnecessary force to tighten.

Re-fit the battery, your drill/driver is now ready for use.

d) TORQUE ADJUSTMENTS (PIC 5)

This feature allows setting of the torque or tightening power of your drill/driver and depending on the application, various levels of driving power are required. When driving larger screw diameters a higher

torque power is required to drive the screw until it's properly seated.

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.

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.

Safety warnings for drills

- **Wear hearing protection during impact drilling.** *Exposure to noise can cause loss of hearing.*
  NOTE The above warning applies only to impact drills and may be omitted for drilling other than impact drilling
- Use an auxiliary handle, if supplied with the tool. Loss of control can cause personal injury.
- Keep the machine tool by the isolated plug areas when performing an operation where the cutting accessory may come into contact with a hidden cable. The cutting accessory coming into contact with a live cable can expose the metal parts of the tool to tension and could give an electric shock to the viewer.

a) This appliance may be used by children aged 8 years or older and by persons with reduced physical, sensory or mental capacities or without experience or knowledge if they are properly supervised ((E) s or instructions for the safe use of the appliance have been given and the risks involved have been taken into account. Children should not play with the appliance. Cleaning and maintenance by the user should not be carried out by unattended children.

b) If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service or persons of similar qualification in order to avoid a hazard.

c) Before using the charger and the battery pack, read the instruction manual carefully.

d) During charging, the electrical current used must correspond to the specifications of the battery charger.

e) Never allow moisture, rain or splash to reach the recharging location.

f) The ambient temperature should never exceed 40 ° C. Never expose the unit to direct sunlight.

g) 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.

h) Use only the battery pack supplied by the manufacturer.

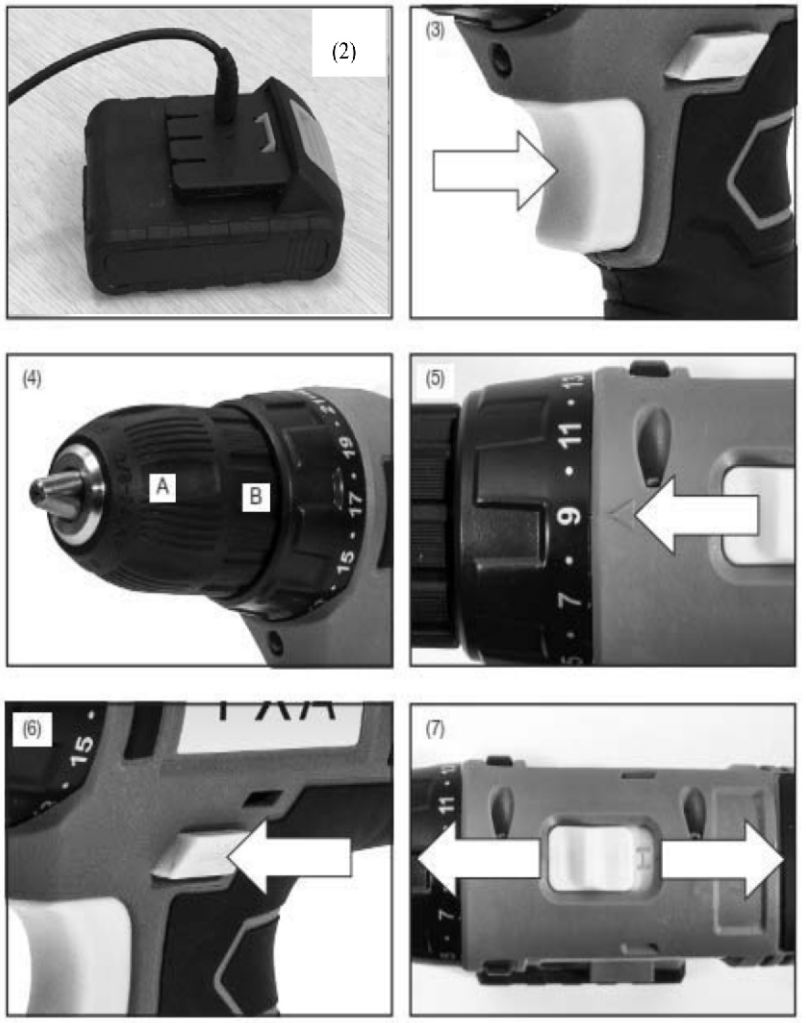
i) Always keep the surface of the charger free of dust and dirt.

j) Insert the battery pack into the charger. Follow the polarity guides..

k) Always remove the battery pack before performing any operation on the device.

l) When the battery is disconnected from the tool, cover the contacts to avoid a short circuit (eg from tools).

3. USE AND FUNCTION



a) CHARGING THE BATTERY (PIC.2)

Do not use other battery chargers. The supplied battery charger is designed for the Lithium-Ion battery in your machine

NOTE: The battery is supplied partially charged. To ensure full capacity of the battery, completely charge.the battery with the battery charger before using your power tool for the first

TECHNICAL SPECIFICATION

MODEL		HPVD18L-A2
Voltage		18V⎓
No load speed		0-400/0-1350 min^{-1}
Keyless chuck size		Φ10 mm
Charger		Input 100-240V~50Hz, 45W Output 18V⎓,1500mA
Declaration of sound level according to EN 60745		
- Sound pressure level		L_{pA}=67 dB(A) K=3dB(A)
- Sound power level		L_{WA}78 dB(A) K=3dB(A)
Declaration of vibration level according to EN 60745		
Drilling mode (m/s^2)		2,18 m/s^2
Screwdriver mode (m/s^2)		1,19 m/s^2
Uncertainty		K=1,5 m/s^2
Quick Recharging	Battery voltage	18V⎓
	Charging time	1.5h

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).

m) Do not throw the battery in water or fire, risk of explosion!
n) Protect the battery case from shocks and do not open it.
o) Never discharge the battery completely and recharge it regularly if you do not use it for an extended period of time.

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.

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.

Explication des symboles

	Do not dispose of old appliances with domestic rubbish .
	To reduce the risk of injury, the user must read and understand this manual before using this product.

CE	Conforms to relevant safety standards
	Do not expose batteries to temperatures exceeding 40 degrees.
	Do not dispose of batteries in fire. They could explode and cause injury
	Do not dispose of batteries in water.
	Recycling

2. ABOUT YOUR PRODUCT

1. Li-ion battery
2. Battery release catch
3. On/Off trigger switch
4. LED light
5. Keyless chuck
6. Torque adjuster
7. Two speed gear train (high-low)
8. Forward/reverse switch
9. Hand grip
10. Charger