



18V LITHIUM ION

CORDLESS DRILL DRIVER

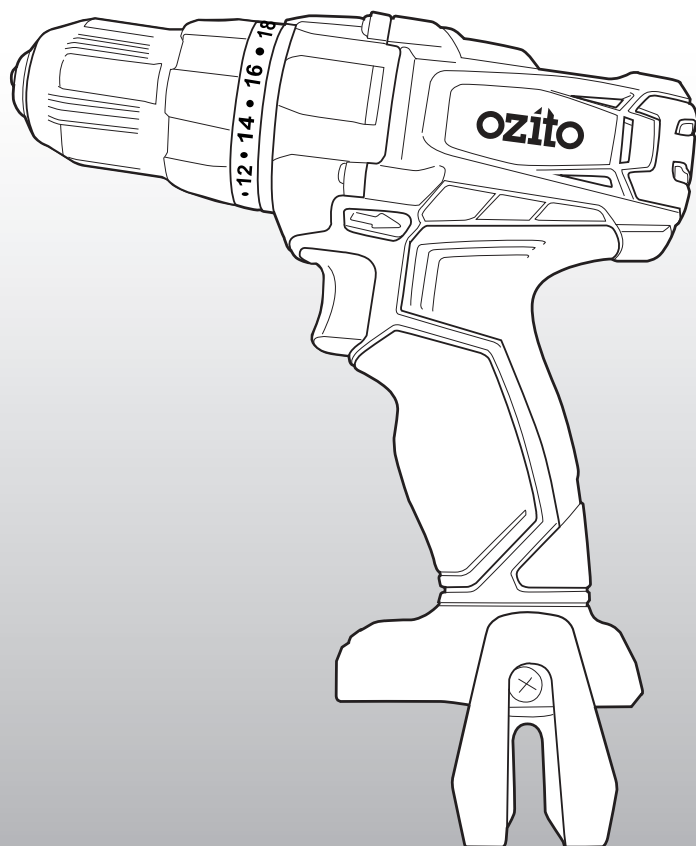
ORIGINAL INSTRUCTIONS

SPECIFICATIONS

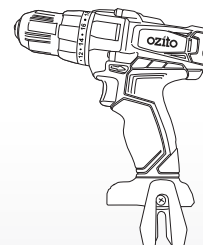
Input:	18V
Chuck Size:	13mm Single Sleeve
No Load Speed:	0-350 / 0-1,250/min
Torque Setting:	18
Max. Torque:	36Nm
Weight (Tool Only):	1.1kg

ozito-diy.co.uk

5 YEAR
REPLACEMENT WARRANTY



WHAT'S IN THE BOX



Cordless Drill Driver

PXDDGK-600U

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.

Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:

- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 60 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Lithium Ion batteries and chargers are

covered by a 12 month warranty. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE

GB: 0151 294 4488

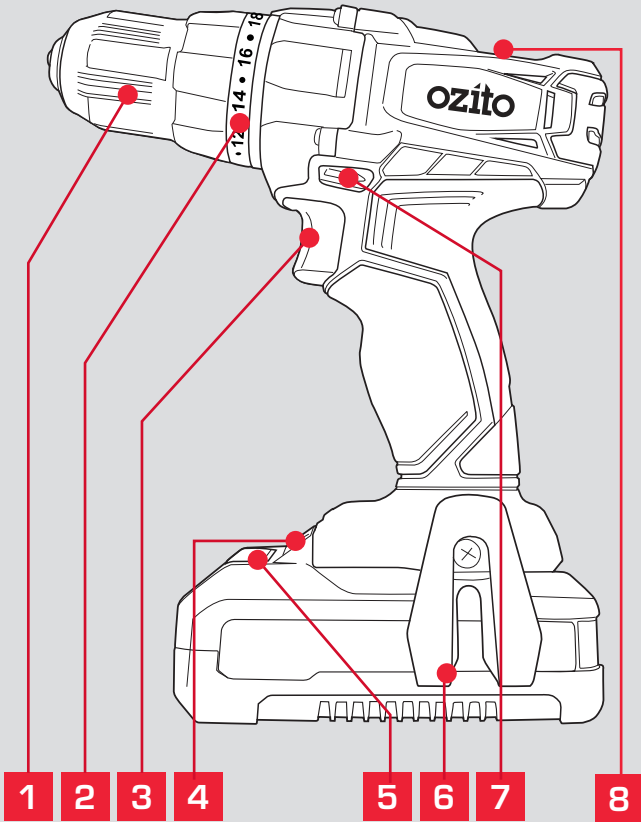
IRL: 1850 882711

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KNOW YOUR PRODUCT

CORDLESS DRILL DRIVER (PXDDS-201U)

- | | |
|----------------------------|------------------------------|
| 1 Keyless Chuck | 5 Battery Release Button |
| 2 Torque Adjustment Collar | 6 Battery 18V (not included) |
| 3 Variable Speed Trigger | 7 Forward/ Reverse Lever |
| 4 LED Light | 8 Gearbox speed selector |



BATTERY & CHARGER

This tool is compatible with all battery and chargers from the Ozito Power X Change Range.

ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



SETUP & PREPARATION

1. BATTERY & CHARGING

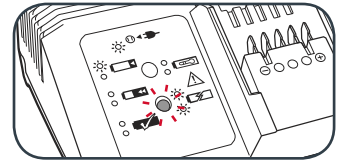
CAUTION: THE CHARGER FOR THIS PRODUCT SHOULD BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS).

The purchased battery will be shipped in a low charge condition, and requires charging prior to use. Allow several cycles of charging and discharging (through use of the tool) for the battery to reach its optimum performance / runtime.

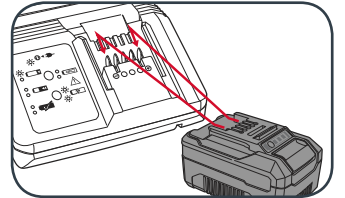
Charging your lithium ion battery - Fast Charger

1 Connect the charger into a mains power outlet.

2 The charger LED will flash green showing power is being supplied to the charger.

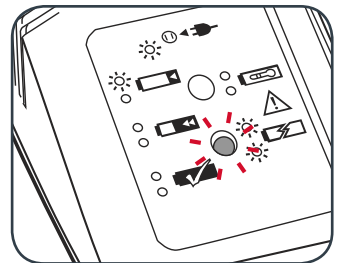
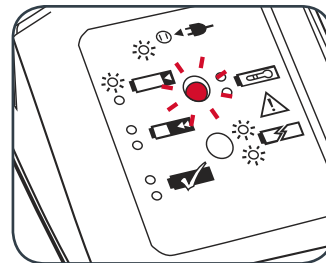


3 With the charger sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the charger ensuring a firm connection.



4 The charger LED will illuminate red signifying that the battery is charging.

5 The charger LED will illuminate green once the battery is charged.



Charger LED Indicator

LED Indicator	Situation
GREEN (Flashing)	Stand By (no battery pack is inserted)
RED (Flashing)	Battery is charging (low charge)
RED (Illuminated)	Battery is charging (mid charge)
GREEN (Illuminated)	Battery is 85% - 100% charged and ready for use
BOTH (Illuminated)	Battery pack is too hot or too cold (charging will begin automatically when battery reaches correct charging temperature).
BOTH (Flashing)	Defective battery. Never charge a defective battery pack! Remove battery pack from charger.

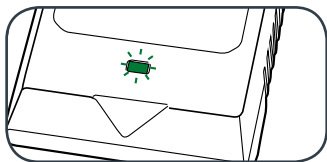
5 YEAR
REPLACEMENT WARRANTY

Charging your lithium ion battery - Eco Charger

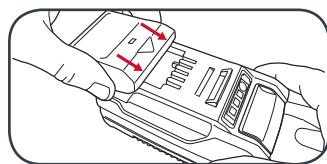
Charging your lithium ion battery - Eco Charger

1 Connect the charger into a mains power outlet.

2 The charger LED will flash green showing power is being supplied to the charger.

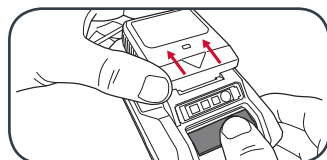


3 With the battery sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the battery ensuring a firm connection.



4 The charger LED will illuminate red signifying that the battery is charging.

5 When removing the charger from the battery, first press the battery release tab, then slide the charger from its position.

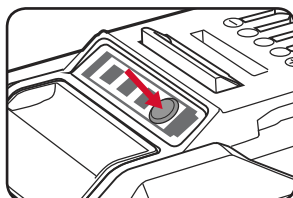


Charger LED Indicator	
LED Indicator	Situation
GREEN (Flashing)	Stand By (no battery pack is inserted)
RED (Illuminated)	Battery is charging (low charge)
GREEN (Illuminated)	Battery is charged and ready for use
RED (Flashing)	Battery or Charger fault
RED & GREEN (Flashing)	Battery pack is too hot or too cold (remove battery from charger and store at room temperature 20°C. Insert battery again when at correct charging temperature). If this happens again, the battery is defective and needs to be replaced.

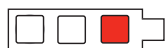
Battery Charge Indicator

The purchased battery is equipped with a battery charge indicator to show the state of the battery charge.

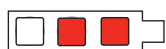
Press the charge indicator button and look to see which LED lights.



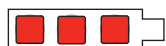
Battery requires immediate charging



Low state of charge, requires charging soon.



Mid state of charge



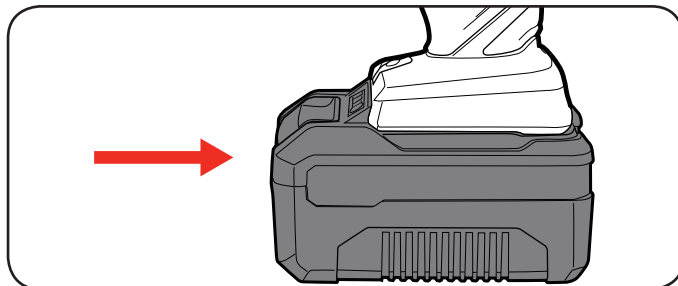
Full state of charge.

Note: The battery needs to be removed from the tool to check the state of charge.

2. BATTERY INSTALLATION

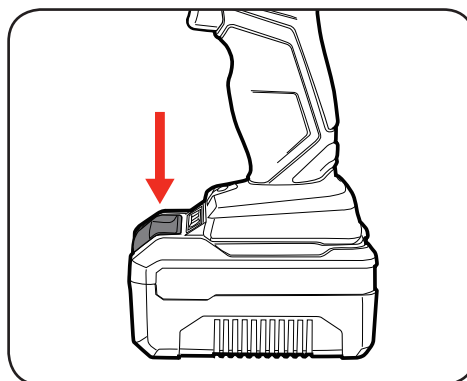
Installing the Battery Pack

1 Slide the battery into the drill base until it clicks into place.

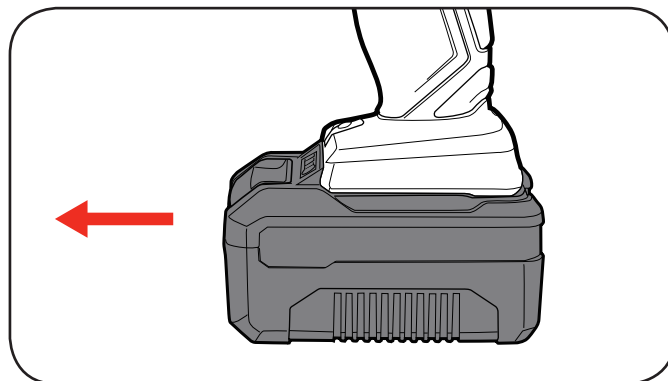


Removing the Battery Pack

1 Hold down the battery release button.



2 Slide the battery out.



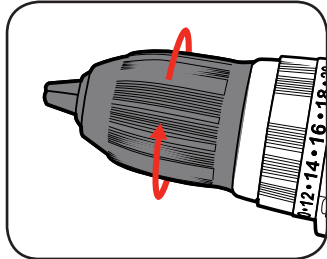
OPERATION

3. KEYLESS CHUCK

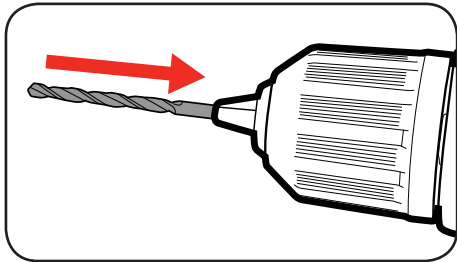
WARNING! Ensure the tool is turned off & disconnected from the power supply before performing any of the following operations.

Installing a Drill Bit

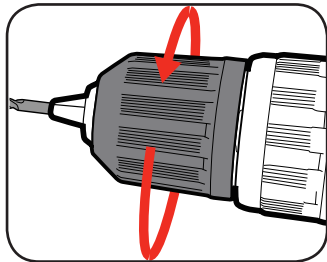
- 1 Rotate the chuck collar anti-clockwise to open the chuck



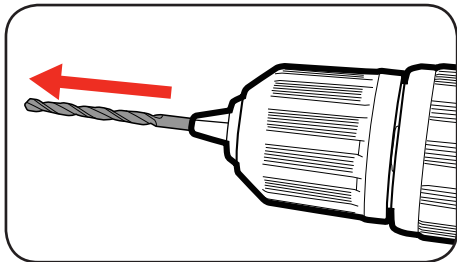
- 2 Insert the drill bit, making sure it is centred in the chuck.



- 3 Tighten the chuck by turning clockwise.

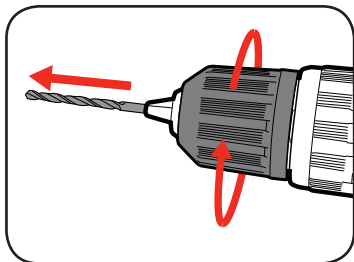


- 4 Pull on the bit to ensure it is firmly secured.



Removing a Drill Bit

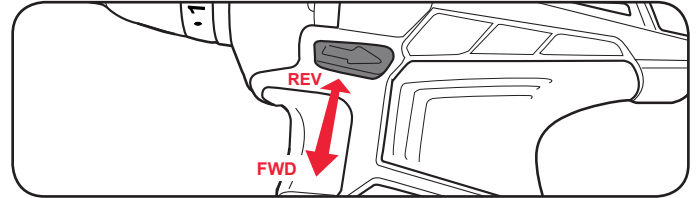
- 1 Open the chuck by rotating the chuck collar and remove the drill bit.



4. CONTROLS

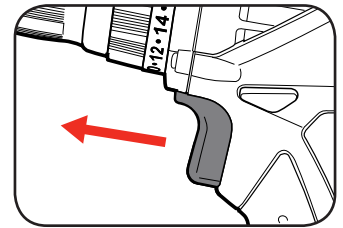
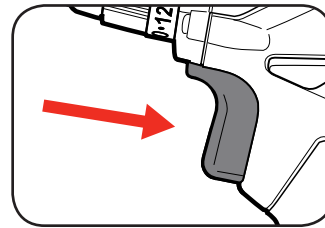
Forward/ Reverse Lever

- 1 For forward rotation, push the fwd/rev lever towards the left side of the drill. For reverse rotation push fwd/rev lever to the right.



Variable Speed Trigger

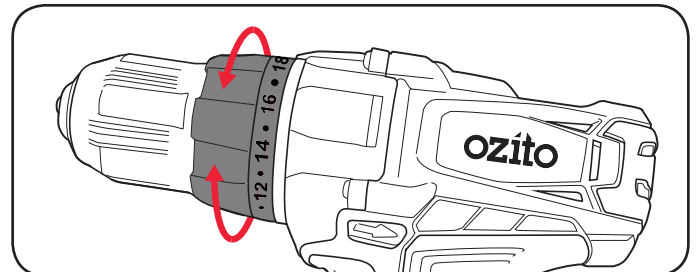
- 1 To start drilling squeeze the variable speed trigger.
- 2 To stop drilling release the trigger.



Note: The more the variable speed trigger is depressed, the faster the drill bit will rotate.

Adjusting Torque

- 1 Rotate the torque collar to the desired setting.

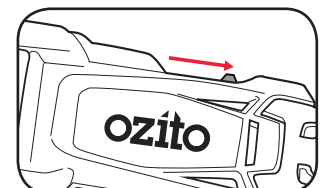
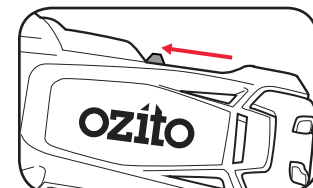


Note: Selecting a higher torque setting will allow the drill to use more torque to drive the screw in or out. To prevent damaging the screw head, it is recommended to start at a low torque setting and increase when necessary.

Speed Control

The gear selector controls the speed of the drill. First gear allows slower drilling with more torque, while second gear is suitable when less torque but higher speed is required.

- 1 Slide the switch forward to select first gear.
- 2 Slide the switch backward to select second gear.

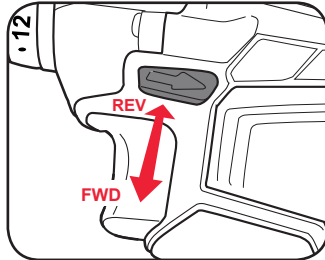
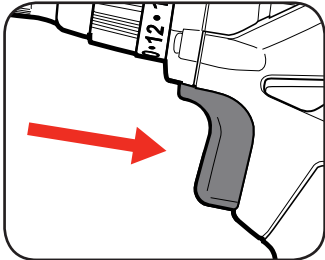


CAUTION: TO REDUCE THE RISK OF INJURY WE RECOMMEND THE USE OF GLOVES WHEN HANDLING DRILL BITS.

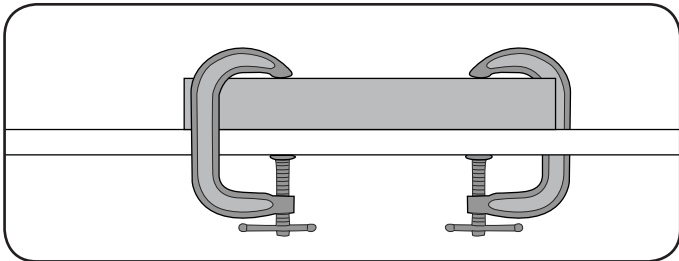
5. DRILLING

Before starting to drill, perform a few simple checks.

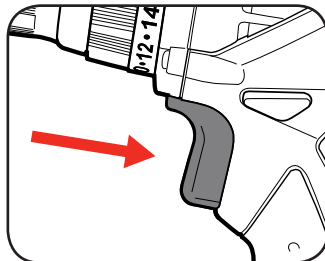
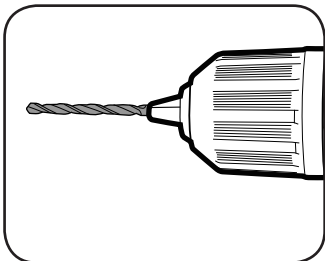
- 1 Depress and release the variable speed trigger to ensure it is not locked on.
- 2 Check the forward/reverse lever is on desired setting.



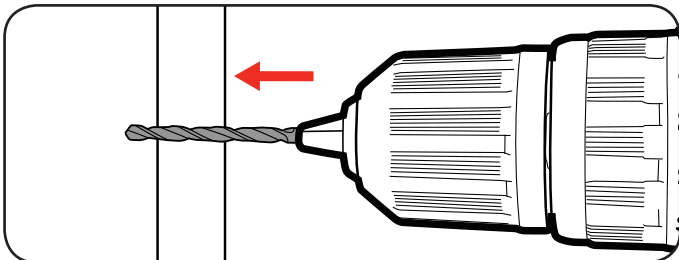
- 3 Secure the material to be drilled in a vice or clamp to stop it turning whilst drilling.



- 4 Hold the drill firmly and place the bit at the point to be drilled.
- 5 Depress the variable speed trigger to start the drill.



- 6 Move the drill bit into the workpiece.



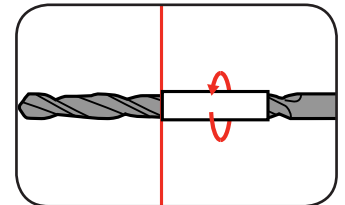
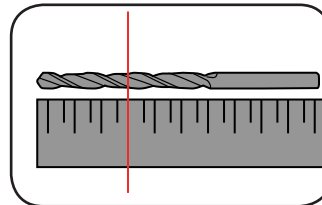
Note: Do not force the drill or apply side pressure to elongate the hole. Let the drill do all the work.

6. HELPFUL TIPS

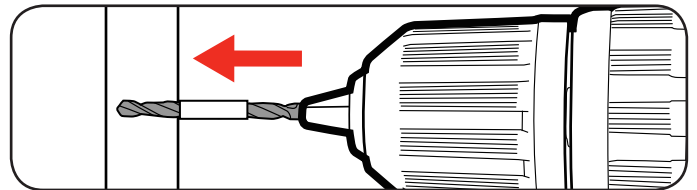
Drilling to a Preset Depth

A simple way of achieving a hole at a desired depth is to use masking tape.

- 1 Measure along the drill bit to indicate the desired depth.
- 2 Wrap a small piece of masking tape tightly around the drill bit.



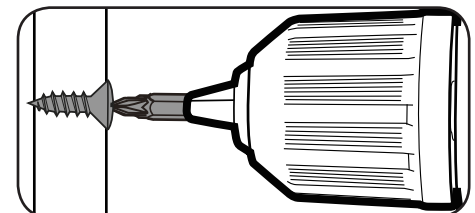
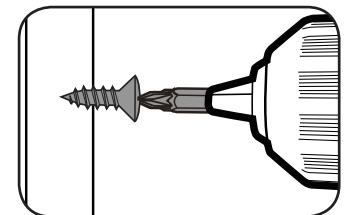
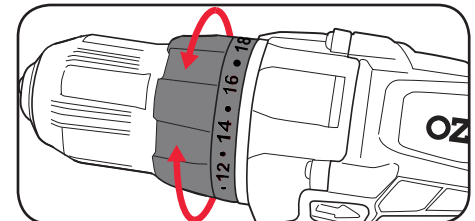
- 3 Drill into the material until the surface reaches the start of the tape..



Torque Settings

Torque settings can alter the depth to which you can drill or drive into a surface. To determine the torque setting required to drive a screw perfectly flush to the work surface, follow the below steps.

- 1 Set the torque collar to lowest setting and tighten the first screw.
- 2 If the clutch ratchets and makes a clicking sound before screw is flush, increase the collar setting and continue tightening.
- 3 Repeat until you reach the correct setting/ screw depth. Use this setting for the remaining screws.



When drilling hard, smooth surfaces, use a centre punch to mark the desired hole location. This measure will prevent the drill bit from slipping off centre as you start the hole.

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

MAINTENANCE

1. When not in use, the drill should be stored in a dry, frost free location, keep out of children's reach.
2. Keep ventilation slots of the drill clean at all times and prevent anything from entering.
3. If the housing of the drill requires cleaning, do not use solvents. Use of a cloth only is recommended.
4. Blow out the ventilation slots with compressed air periodically .

Note: Ozito Industries will not be responsible for any damage or injuries caused by repair of the drill by an unauthorised person or by mishandling.

Battery protection system

The tool is equipped with the battery protection system, which helps to ensure a long service life.

The output power automatically cuts off during operation when the tool and/or battery are placed under the following situations:

- **When the tool is overloaded:**

If this occurs, release the trigger switch and remove causes of overload, then pull the switch trigger again to restart.

- **When the remaining battery capacity becomes low:**

Recharge the battery pack.

Note: The battery protection system does not in any way damage the tool.

Note: The indicated capacity may be lower than the actual level during use or immediately after using the tool.

TROUBLESHOOTING

LED lights do not illuminate on charger

Check the charging adaptor is securely plugged into the wall outlet.

Check the battery is firmly connected to the charging cradle.

Check that the charging jack is securely connected to the charging cradle.

Variable speed trigger is locked

Ensure that the forward / reverse lever is in the correct position; pressed left for forwards direction, pressed right for backwards direction. If it is in between the two settings the variable speed trigger will be locked.

The drill is stripping the screw head

Ensure you are starting with a low torque setting and holding the drill securely onto the screw head. Increase the torque setting as required.

Drill has cut out during use

The battery charge could be completely depleted. Place the battery on the charging cradle for 3-5 hours.

Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents. This is normal and does not indicate a problem.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.

For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service:

Great Britain: 0151 294 4488

Ireland: 1850 882711

E-mail: enquires@ozito-diy.co.uk

BATTERY AND CHARGER SAFETY WARNINGS



THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR YOUR BATTERY CHARGER.

1. Before using the charger read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack.
2. This charger is not intended for any uses other than charging rechargeable batteries. Any other use may result in risk of fire, electric shock or electrocution.
3. Do not place any object on top of the charger or place the charger on a soft surface that may result in excessive internal heat. Place the charger in a position away from any heat source.
4. To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
5. Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
6. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in the risk of fire, electric shock or electrocution.
7. Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have it checked by an electrician or power tool repairer.
8. Do not disassemble charger. Take it to an electrician or power tool repairer when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
9. To reduce risk of electric shock, unplug the charger from the outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.
10. Never attempt to connect 2 chargers together.
11. DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C (such as inside sheds or metal buildings in summer).
12. The charger is designed to operate on standard household electrical power (240 volts). Do not attempt to use it on any other voltage!
13. The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.
14. The longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18 - 24°C. Do not charge the battery pack in an air temperature below 10°C or above 40°C. This is important and will prevent damage to the battery pack.
15. Do not incinerate the battery pack even if it is seriously damaged or is completely worn out. The battery can explode in a fire.
16. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, immediately discontinue use and do not recharge.
17. During charging, the battery must be placed in a well ventilated area.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
ac/~	Alternating current	W	Watts
dc/---	Direct current	∅	Diameter
mA	Milliamperes	Ah	Amp hour
Nm	Newton Meters	n _o	No load speed
/min	Revolutions or reciprocation per minute		
	Warning		Read instruction manual
	Double insulated		Indoor use only
	Thermal cut-out protection		Polarity
	Lithium Ion battery		Do not use or store battery in temperatures exceeding 50°C
	Recycle battery		Do not put in the rubbish
	Do not incinerate		Do not get battery wet



ELECTRICAL SAFETY



WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

Before you connect the charger to the mains supply make sure that the data on the rating plate are identical to the mains data.



This tool's charger is double insulated; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

The power supply for this product's charger should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.



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

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
 - 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.
 - Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.
- ## 2. Electrical safety
- 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.
 - 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.
 - Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
 - 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.
 - 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.
 - 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

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

- 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.
 - 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
- 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - 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
- 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.
 - Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
 - 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.
 - 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
- 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.



DRILL DRIVER SAFETY WARNINGS



WARNING! Wear ear protectors when drilling. Exposure to noise can cause hearing loss.

Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.

Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Before drilling into walls, ceilings etc, ensure that there are no concealed power cables or pipes in the cavity.



WARNING! Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated timber

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

This appliance is not intended for use by young or infirm persons unless supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.



18V LITHIUM ION

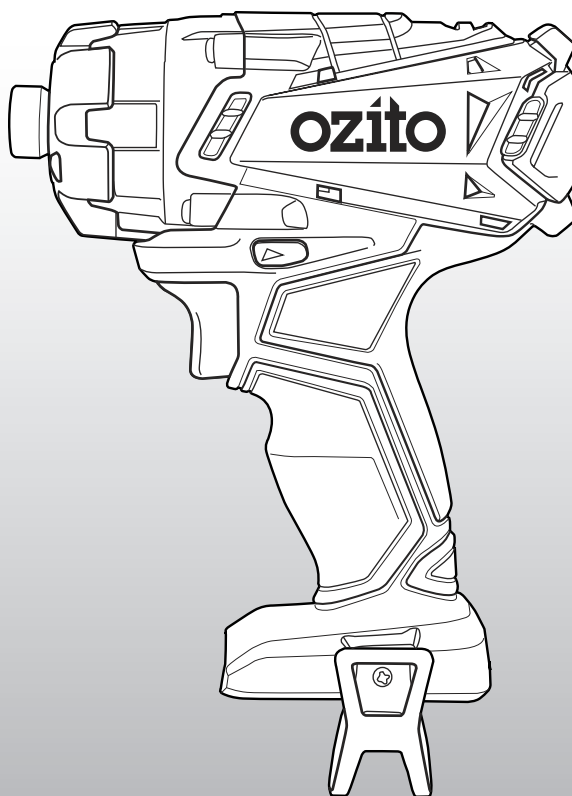
CORDLESS IMPACT DRIVER

ORIGINAL INSTRUCTIONS

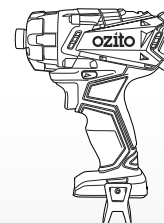
SPECIFICATIONS

Voltage:	18V
No Load Speed:	0-2300/min
Chuck Size:	6.35mm (1/4") Hex
Impact Rate:	0-2900/min
Max. Torque:	150Nm
Weight:	1.4kg

ozito-diy.co.uk



WHAT'S IN THE BOX



Impact Driver

5 YEAR
REPLACEMENT WARRANTY

PXDDGK-600U

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.

Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:

- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 60 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Lithium Ion batteries and chargers are

covered by a 12 month warranty. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE

GB: 0151 294 4488

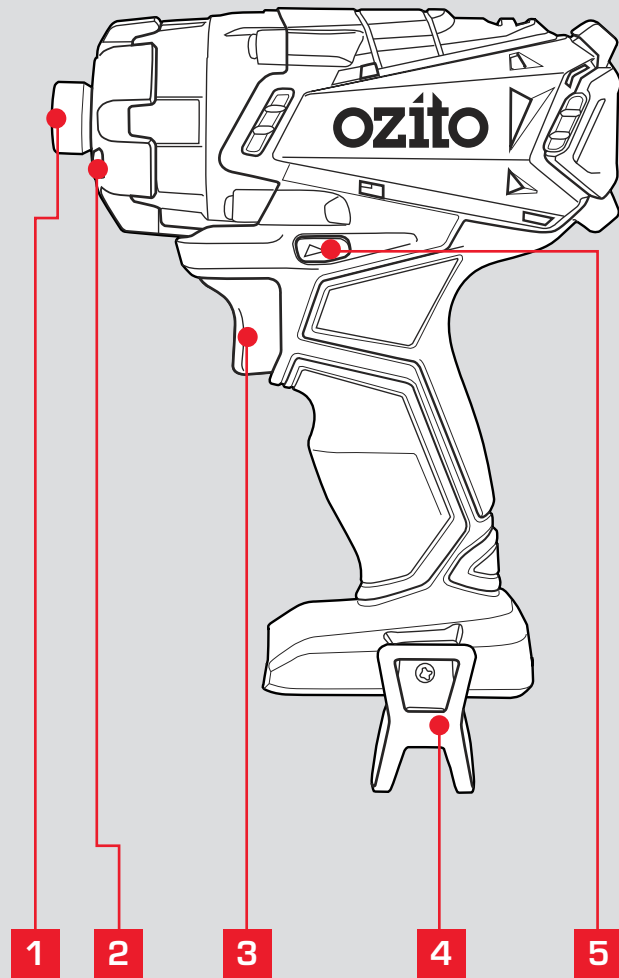
IRL: 1850 882711

Ozito-diy.co.uk

KNOW YOUR PRODUCT

CORDLESS IMPACT DRIVER (PXIDS-300U)

- 1 Drive Bit Retaining Ring
- 2 Tri-Beam LED Light
- 3 Variable Speed Trigger
- 4 Belt Hook
- 5 Forward/ Reverse Lever

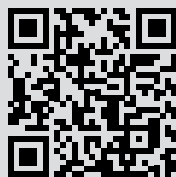


BATTERY & CHARGER

This tool is compatible with all battery and chargers from the Ozito Power X Change Range.

ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



SETUP & PREPARATION

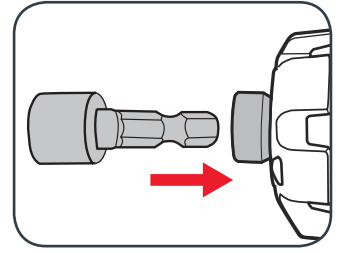
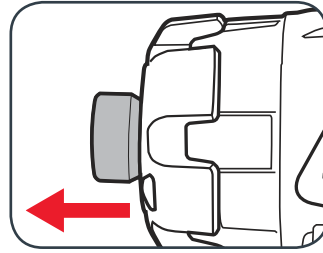
1. ASSEMBLY



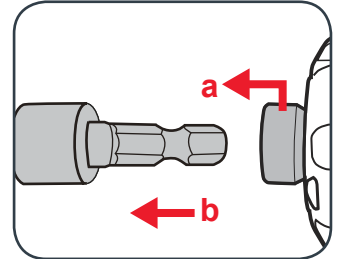
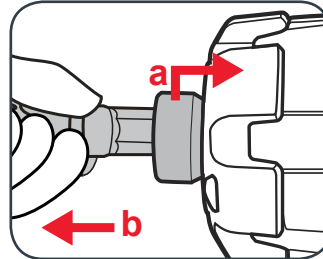
WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

Inserting & Removing Accessories

- 1 Pull the drive retaining ring forward.
- 2 Insert the hex shank of the appropriate (1/4") driver bit.



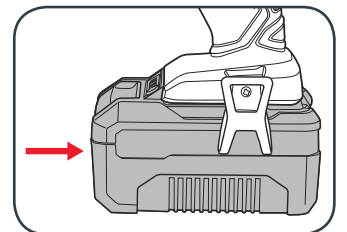
- 3 Release the drive bit retaining ring then pull on the bit to ensure it is firmly in place.
- 4 To remove, pull the drive retaining ring forward & remove the driving bit.



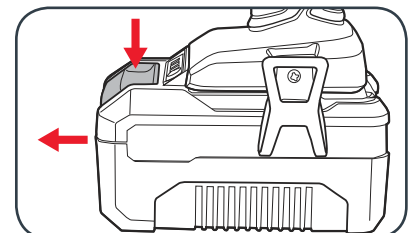
CAUTION! DO NOT HANDLE ACCESSORIES WITHOUT GLOVES AS THEY ARE SHARP AND CAN BECOME HOT AFTER USE, POTENTIALLY CAUSING PERSONAL INJURY.

Inserting & Removing the Battery

- 1 Align the ribs of the battery with the recess at the base of the driver handle and push in until it clicks into place.



- 2 To remove, press and hold the battery release tab and then slide out.



5 YEAR
REPLACEMENT WARRANTY

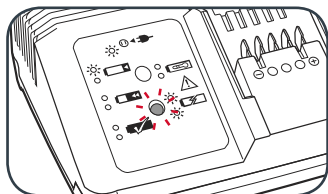
2. BATTERY & CHARGING

CAUTION: THE CHARGER FOR THIS PRODUCT SHOULD BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS).

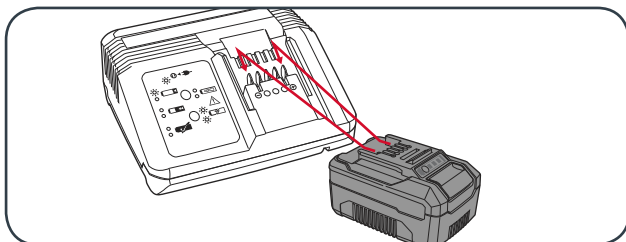
Charging your lithium ion battery - Fast Charger

1 Connect the charger into a mains power outlet.

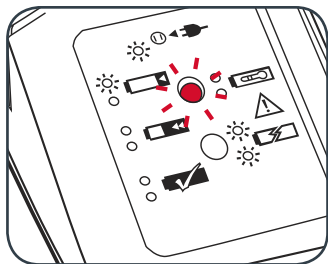
2 The charger LED will flash green showing power is being supplied to the charger.



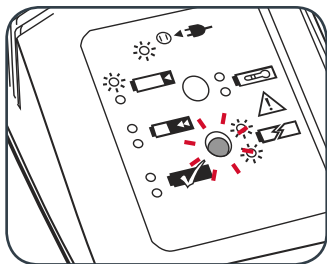
3 With the charger sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the charger ensuring a firm connection.



4 The charger LED will illuminate red signifying that the battery is charging.



5 The charger LED will illuminate green once the battery is charged.



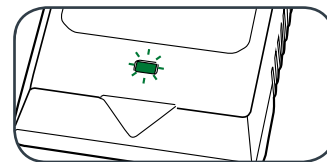
Charger LED Indicator

LED Indicator	Situation
GREEN (Flashing)	Stand By (no battery pack is inserted)
RED (Flashing)	Battery is charging (low charge)
RED (Illuminated)	Battery is charging (mid charge)
GREEN (Illuminated)	Battery is 85% - 100% Charged and ready for use
BOTH (Illuminated)	Battery pack is too hot or too cold (charging will begin automatically when battery reaches correct charging temperature).
BOTH (Flashing)	Defective battery. Never charge a defective battery pack! Remove battery pack from charger.

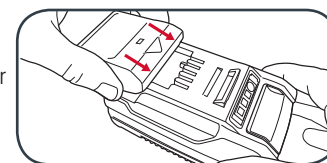
Charging your lithium ion battery - Eco Charger

1 Connect the charger into a mains power outlet.

2 The charger LED will flash green showing power is being supplied to the charger.



3 With the battery sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the battery ensuring a firm connection.



4 The charger LED will illuminate red signifying that the battery is charging.

5 When removing the charger from the battery, first press the battery release tab, then slide the charger from its position.



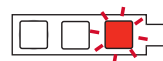
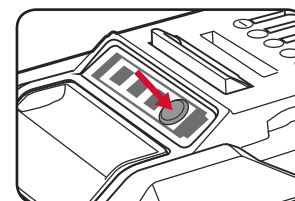
Charger LED Indicator

LED Indicator	Situation
GREEN (Flashing)	Stand By (no battery pack is inserted)
RED (Illuminated)	Battery is charging (low charge)
GREEN (Illuminated)	Battery is Charged and ready for use
RED (Flashing)	Battery or Charger fault
RED & GREEN (Flashing)	Battery pack is too hot or too cold (remove battery from charger and store at room temperature 20°C. Insert battery again when at correct charging temperature). If this happens again, the battery is defective and needs to be replaced.

Battery Charge Indicator

The purchased battery is equipped with a battery charge indicator to show the state of the battery charge.

Press the charge indicator button and look to see which LED lights.



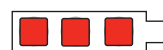
Battery requires immediate charging



Low state of charge, requires charging soon.



Mid state of charge



Full state of charge.

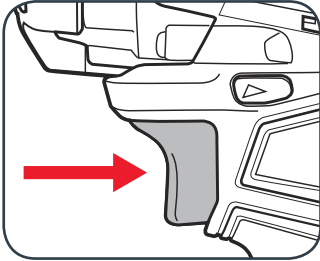
Note: The battery needs to be removed from the tool to check the state of charge.

OPERATION

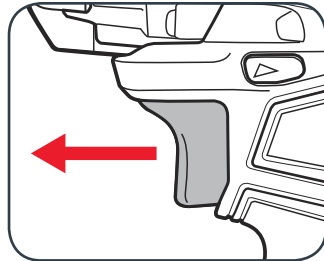
3. CONTROLS

Variable Speed Trigger

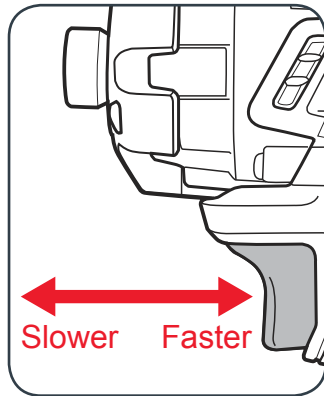
1 To start the driver, squeeze the variable speed trigger.



2 Release the variable speed trigger to stop the driver.

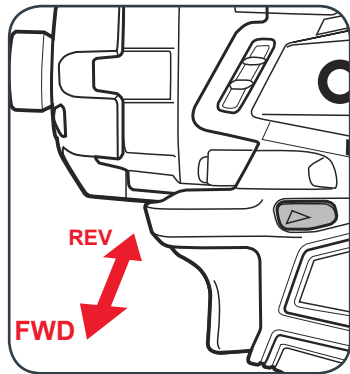


3 Control the speed by adjusting the amount of pressure applied to the trigger.

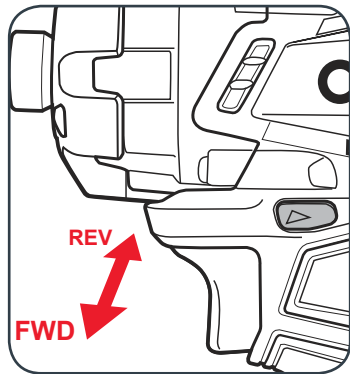


Forward/Reverse Lever

1 To drive screws and bolts, push the fwd/rev lever hard left.

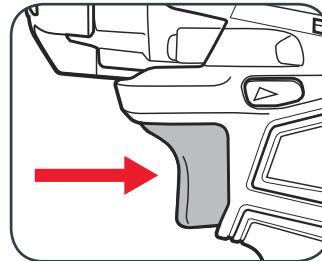


2 To remove screws and bolts, push the fwd/rev lever hard right.

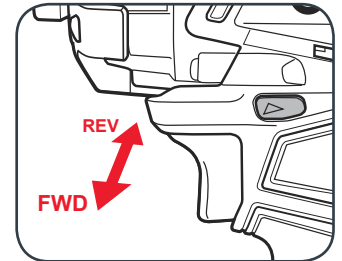


4. DRIVING PROCEDURE

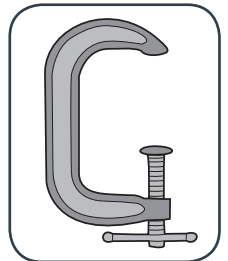
1 Depress and release the on/off trigger to ensure it is not locked.



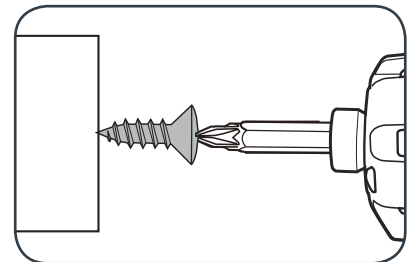
2 Check the forward/reverse lever is on desired setting.



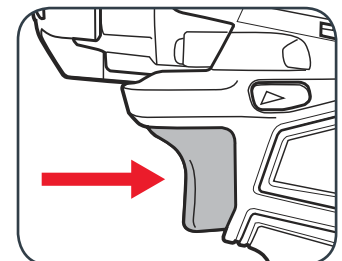
3 Ensure the work piece is secured to stop it turning whilst driving.



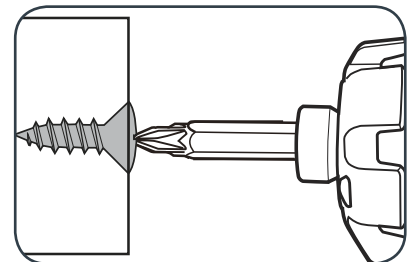
4 Hold the driver firmly against the fastener to stop it slipping.



5 Lightly squeeze the variable speed trigger to start the driver.



6 Slowly increase pressure on trigger to appropriate torque for circumstances until screw or bolt is tightened.



Note: Do not force the driver or apply side pressure to elongate the hole. Let the impact driver do the work.

TROUBLESHOOTING

LED lights do not illuminate on charger

Check the charging adaptor is securely plugged into the wall outlet.
Check the battery is firmly connected to the charging cradle.
Check that the charging jack is securely connected to the charging cradle.

Sparking visible through the housing vents

A small amount of sparking may be visible through the housing vents.
This is normal and does not indicate a problem.

Variable speed trigger is locked

Ensure that the forward / reverse lever is in the correct position; pressed left for forwards direction, pressed right for backwards direction. If it is in between the two settings the variable speed trigger will be locked.

The Impact Driver is stripping the screw head

Ensure you are not applying too much force to the screw. Decrease the force by using a slower trigger speed.

Battery protection system

The tool is equipped with the battery protection system, which helps to ensure a long service life.

The output power automatically cuts off during operation when the tool and/or battery are placed under the following situations:

- **When the tool is overloaded:**
If this occurs, release the trigger switch and remove causes of overload, then pull the switch trigger again to restart.
- **When the remaining battery capacity becomes low:**
Recharge the battery pack.

MAINTENANCE



WARNING! ALWAYS ENSURE THE TOOL HAS COMPLETELY STOPPED AND THE BATTERY IS REMOVED PRIOR TO ANY MAINTENANCE.

- After each use, blow air through the tool housing to ensure it is free from all dust, dirt, etc. Build up of dust, dirt particles may cause the tool to overheat and shorten the life of the tool.
- If the housing of the impact driver requires cleaning, do not use solvents but a moist soft cloth or soft brush only.
- Never let any liquid get inside the tool, never immerse any part of the tool into liquid.
- When not in use, the impact driver should be stored in a dry, frost free location not within the reach of children.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the impact driver by an unauthorised person or by mishandling of the impact driver.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.
For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service:
Great Britain: 0151 294 4488
Ireland: 1850 882711
E-mail: enquires@ozito-diy.co.uk



BATTERY & CHARGER SAFETY WARNINGS

THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR YOUR BATTERY CHARGER.

1. Before using the charger read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack.
2. This charger is not intended for any uses other than charging rechargeable batteries. Any other use may result in risk of fire, electric shock or electrocution.
3. Do not place any object on top of the charger or place the charger on a soft surface that may result in excessive internal heat. Place the charger in a position away from any heat source.
4. To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
5. Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
6. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in the risk of fire, electric shock or electrocution.
7. Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have it checked by an electrician or power tool repairer.
8. Do not disassemble charger. Take it to an electrician or power tool repairer when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
9. To reduce risk of electric shock, unplug the charger from the outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.
10. Never attempt to connect 2 chargers together.
11. DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C (such as inside sheds or metal buildings in summer).
12. The charger is designed to operate on standard household electrical power (240 volts). Do not attempt to use it on any other voltage!
13. The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.
14. The longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18 - 24°C. Do not charge the battery pack in an air temperature below 10°C or above 40°C. This is important and will prevent damage to the battery pack.
15. Do not incinerate the battery pack even if it is seriously damaged or is completely worn out. The battery can explode in a fire.
16. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, immediately discontinue use and do not recharge.
17. During charging, the battery must be placed in a well ventilated area.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
ac/~	Alternating current	W	Watts
dc/---	Direct current	∅	Diameter
mA	Milliamperes	Ah	Amp hour
Nm	Newton Meters	no	No load speed
/min	Revolutions or reciprocation per minute		
	Warning		Read instruction manual
	Double insulated		Indoor use only
	Thermal cut-out protection		Polarity
	Lithium Ion battery		Do not use or store battery in temperatures exceeding 50 C
	Recycle battery		Do not put in the rubbish
	Do not incinerate		Do not get battery wet

ELECTRICAL SAFETY



WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

Before you connect the charger to the mains supply make sure that the data on the rating plate are identical to the mains data.



This tool's charger is double insulated; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

The power supply for this product's charger should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.

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

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
 - 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.
 - Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- ## 2. Electrical safety
- 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.
 - 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.
 - Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
 - 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.
 - 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.
 - 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

- 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.
- 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.
- 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.
- 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.

- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
 - 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.
 - 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
- 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - 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
- 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.
 - Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
 - 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.
 - 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
- 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.

IMPACT DRIVER SAFETY WARNINGS



WARNING! Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss.

Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.

Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Before drilling into walls, ceilings etc, ensure that there are no concealed power cables or pipes in the cavity.



WARNING! Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated timber

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.



WARNING! This appliance is not intended for use by young or infirm persons unless supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.



18V LITHIUM ION

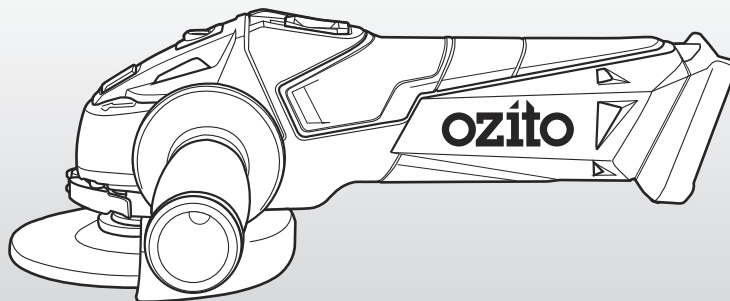
CORDLESS ANGLE GRINDER

ORIGINAL INSTRUCTIONS

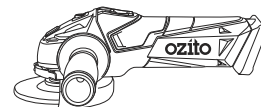
SPECIFICATIONS

Voltage:	18V
No Load Speed:	8500/min
Disc Diameter:	115mm (4 1/2")
Spindle:	M14
Weight:	1.8kg

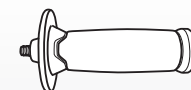
ozito-diy.co.uk



WHAT'S IN THE BOX



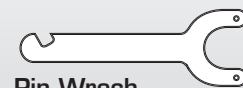
Angle Grinder



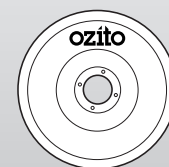
Side Handle



Safety Guard



Pin Wrench



Grinding Disc

5 YEAR
REPLACEMENT WARRANTY

PXDDGK-600U

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.

Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:

- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 60 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Lithium Ion batteries and chargers are

covered by a 12 month warranty. Warranty excludes consumable parts, for example: grinding discs. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

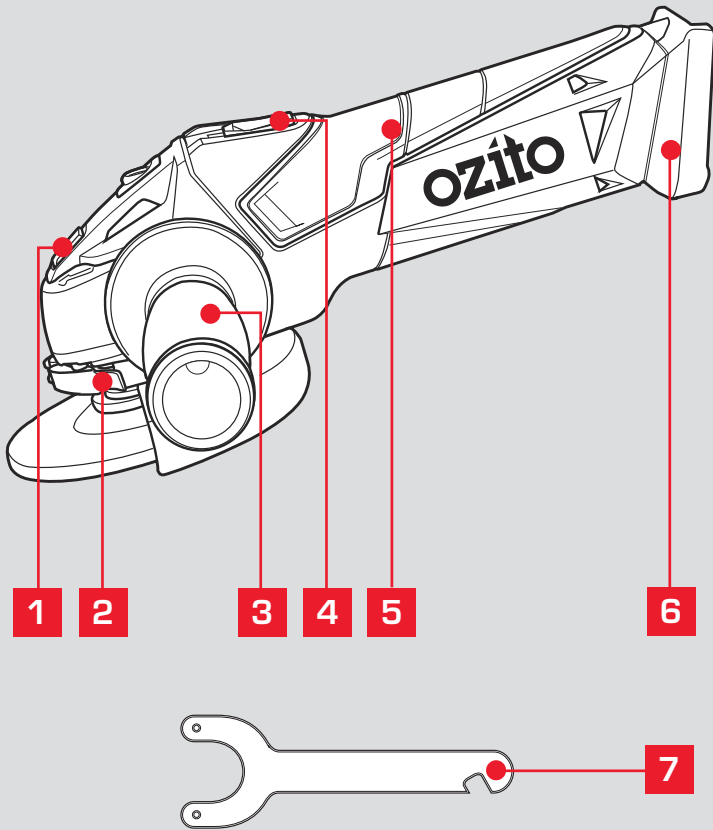
Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE
GB: 0151 294 4488
IRL: 1850 882711
Ozito-diy.co.uk

KNOW YOUR PRODUCT

CORDLESS ANGLE GRINDER (PXAGS-500U)

- | | |
|------------------------|--------------------|
| 1 Spindle Lock | 5 Sure Grip Handle |
| 2 Guard Locking Lever | 6 Battery Seating |
| 3 Side Handle | 7 Pin Wrench |
| 4 Lock On Slide Switch | |



BATTERY & CHARGER

This tool is compatible with all battery and chargers from the Ozito Power X Change Range.

For optimal performance, we recommend the use of a 3.0Ah battery or higher to operate this Power X Change Angle Grinder.

ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



SETUP & PREPARATION

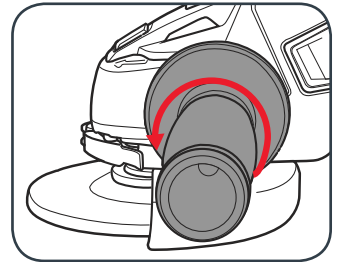
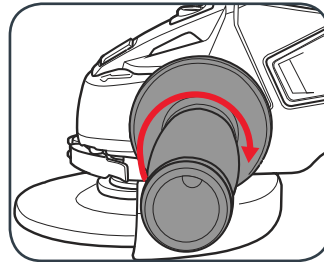
1. ASSEMBLY



WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

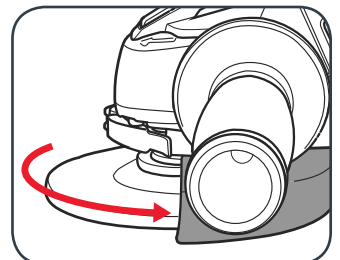
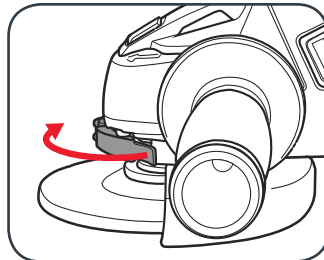
Fitting and Removing the Side Handle

- 1 To fit, screw the side handle clockwise into 1 of 3 handle positions.
- 2 To remove, screw the handle anti-clockwise.



Adjusting the Safety Guard

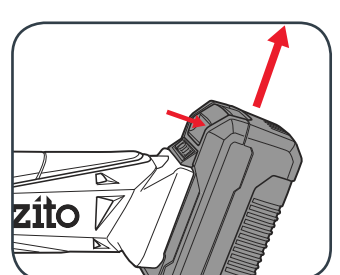
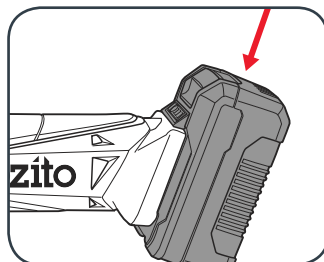
- 1 Loosen the safety guard locking lever to allow it to spin.
- 2 Rotate the guard into the desired position & secure in place with the locking lever.



WARNING! DO NOT OPERATE THE ANGLE GRINDER WITHOUT THE SAFETY GUARD FITTED AS POSSIBLE INJURIES COULD OCCUR.

Inserting & Removing the Battery

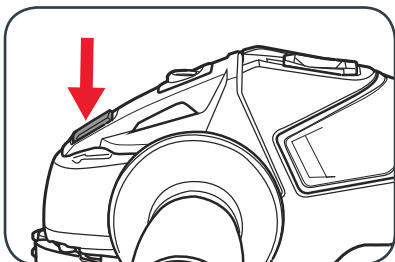
- 1 Align the ribs of the battery with the recess at the back of the angle grinder & push in until it clicks into place.
- 2 To remove, press and hold the battery release tab and then slide out.



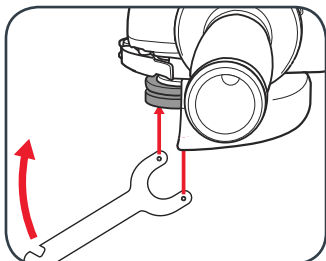
5 YEAR
REPLACEMENT WARRANTY

2. REPLACING A GRINDING DISC

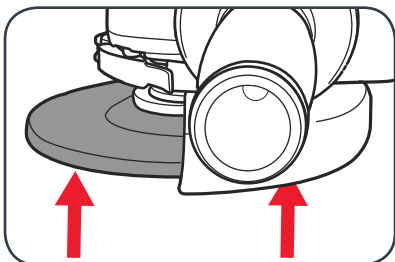
- 1 Depress and hold the spindle lock to prevent the spindle spinning.



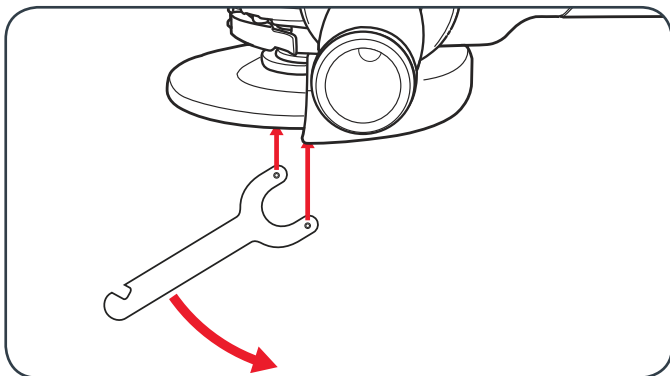
- 2 Using the pin wrench loosen the flange by rotating it anti-clockwise.



- 3 Remove the flange and replace the grinding disc on the spindle.



- 4 Screw the flange back onto the spindle and tighten using the pin wrench while holding the spindle lock down.



3. BATTERY & CHARGING

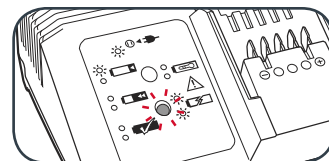


CAUTION: THE CHARGER FOR THIS PRODUCT SHOULD BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS).

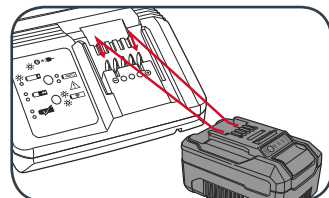
Charging your lithium ion battery - Fast Charger

- 1 Connect the charger into a mains power outlet.

- 2 The charger LED will flash green showing power is being supplied to the charger.

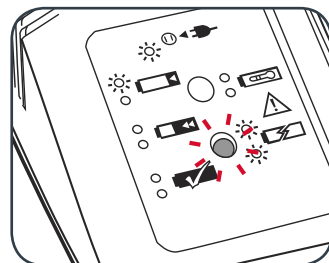
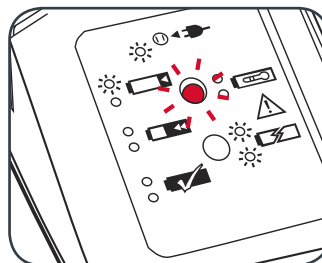


- 3 With the charger sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the charger ensuring a firm connection.



- 4 The charger LED will illuminate red signifying that the battery is charging.

- 5 The charger LED will illuminate green once the battery is charged.



Charger LED Indicator

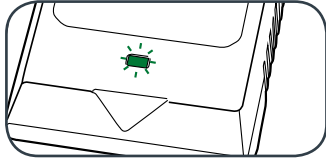
LED Indicator	Situation
GREEN (Flashing)	Stand By (no battery pack is inserted)
RED (Flashing)	Battery is charging (low charge)
RED (Illuminated)	Battery is charging (mid charge)
GREEN (Illuminated)	Battery is 85% - 100% Charged and ready for use
BOTH (Illuminated)	Battery pack is too hot or too cold (charging will begin automatically when battery reaches correct charging temperature).
BOTH (Flashing)	Defective battery. Never charge a defective battery pack! Remove battery pack from charger.

OPERATION

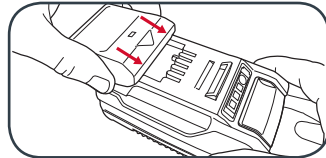
Charging your lithium ion battery - Eco Charger

1 Connect the charger into a mains power outlet.

2 The charger LED will flash green showing power is being supplied to the charger.

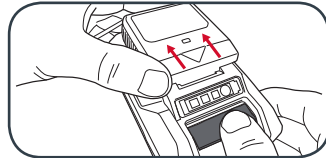


3 With the battery sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the battery ensuring a firm connection.



4 The charger LED will illuminate red signifying that the battery is charging.

5 When removing the charger from the battery, first press the battery release tab, then slide the charger from its position.



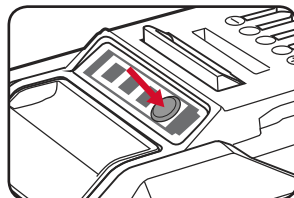
Charger LED Indicator

LED Indicator	Situation
GREEN (Flashing)	Stand By (no battery pack is inserted)
RED (Illuminated)	Battery is charging (low charge)
GREEN (Illuminated)	Battery is Charged and ready for use
RED (Flashing)	Battery or Charger fault
RED & GREEN (Flashing)	Battery pack is too hot or too cold (remove battery from charger and store at room temperature 20°C. Insert battery again when at correct charging temperature). If this happens again, the battery is defective and needs to be replaced.

Battery Charge Indicator

The purchased battery is equipped with a battery charge indicator to show the state of the battery charge.

Press the charge indicator button and look to see which LED lights.



Battery requires immediate charging

Low state of charge, requires charging soon.

Mid state of charge

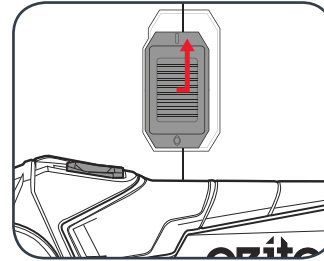
Full state of charge.

Note: The battery needs to be removed from the tool to check the state of charge.

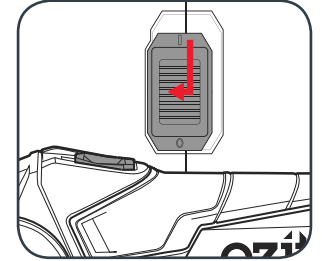
4. GRINDING

Turning On and Off

1 To turn on, slide the lock-on switch across to the right and then forward.

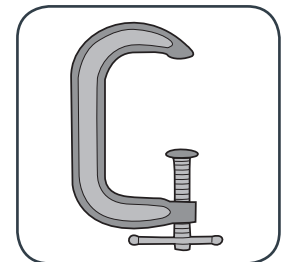


2 To turn off, slide the lock-on switch back and to the left.

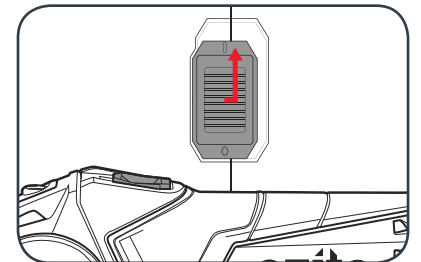


Grinding Procedure

1 Ensure the workpiece is securely held down.

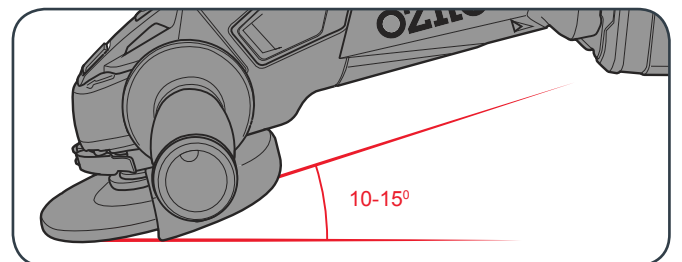


2 Hold the angle grinder firmly with both handles and switch on.



3 Begin grinding your workpiece. The optimum grinding angle is 10-15° to the workpiece.

Note: Do not apply excessive pressure. Allow the tool to do the work, this will prevent deep gouging.



TROUBLESHOOTING

LED lights do not illuminate on charger

Check the charging adaptor is securely plugged into the wall outlet.
Check the battery is firmly connected to the charging cradle.
Check that the charging jack is securely connected to the charging cradle.

Sparking visible through the housing vents

A small amount of sparking may be visible through the housing vents.
This is normal and does not indicate a problem.

Spindle locking button will not depress

The spindle will need to be rotated until the lock can engage. Simply rotate the spindle while applying a small amount of pressure on the spindle lock.

Battery protection system

The tool is equipped with the battery protection system, which helps to ensure a long service life.

The output power automatically cuts off during operation when the tool and/or battery are placed under the following situations:

- **When the tool is overloaded:**

If this occurs, release the trigger switch and remove causes of overload, then pull the switch trigger again to restart.

- **When the remaining battery capacity becomes low:**

Recharge the battery pack.

Note: The battery protection system does not in any way damage the tool.

Note: The indicated capacity may be lower than the actual level during use or immediately after using the tool.



BATTERY & CHARGER SAFETY WARNINGS

THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR YOUR BATTERY CHARGER.

1. Before using the charger read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack.
2. This charger is not intended for any uses other than charging rechargeable batteries. Any other use may result in risk of fire, electric shock or electrocution.
3. Do not place any object on top of the charger or place the charger on a soft surface that may result in excessive internal heat. Place the charger in a position away from any heat source.
4. To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
5. Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
6. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in the risk of fire, electric shock or electrocution.
7. Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have it checked by an electrician or power tool repairer.
8. Do not disassemble charger. Take it to an electrician or power tool repairer when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
9. To reduce risk of electric shock, unplug the charger from the outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.
10. Never attempt to connect 2 chargers together.
11. DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C (such as inside sheds or metal buildings in summer).
12. The charger is designed to operate on standard household electrical power (240 volts). Do not attempt to use it on any other voltage!
13. The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.
14. The longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18 - 24°C. Do not charge the battery pack in an air temperature below 10°C or above 40°C. This is important and will prevent damage to the battery pack.
15. Do not incinerate the battery pack even if it is seriously damaged or is completely worn out. The battery can explode in a fire.
16. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, immediately discontinue use and do not recharge.
17. During charging, the battery must be placed in a well ventilated area.

MAINTENANCE



WARNING! ALWAYS ENSURE THE TOOL HAS COMPLETELY STOPPED AND THE BATTERY IS REMOVED PRIOR TO ANY MAINTENANCE.

- After each use, blow air through the tool housing to ensure it is free from all dust, dirt, etc. Build up of dust, dirt particles may cause the tool to overheat and shorten the life of the tool.
- If the housing of the angle grinder requires cleaning, do not use solvents but a moist soft cloth or soft brush only.
- Never let any liquid get inside the tool, never immerse any part of the tool into liquid.
- When not in use, the angle grinder should be stored in a dry, frost free location not within the reach of children.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the angle grinder by an unauthorised person or by mishandling of the angle grinder.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.





For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service:

Great Britain: 0151 294 4488

Ireland: 1850 882711

E-mail: enquires@ozito-diy.co.uk

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
ac/~	Alternating current	Ah	Amp hour
dc/---	Direct current	n₀	No load speed
/min	Revolutions or reciprocation per minute	mA	Milliamperes
	Read instruction manual		Always wear gloves
	Wear eye protection		Always wear ear, eye and a safety mask



ELECTRICAL SAFETY



WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

Before you connect the charger to the mains supply make sure that the data on the rating plate are identical to the mains data.



This tool's charger is double insulated; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

The power supply for this product's charger should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.



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

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

- 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.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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

- 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.
- 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.
- 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.**
- 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.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the

power tool in unexpected situations.

- 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.
 - 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
- 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - 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
- 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.
 - Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
 - 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.
 - 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
- 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.



ANGLE GRINDER SAFETY WARNINGS



WARNING! a) This power tool is intended to function as a grinder, sanding or cut-off tool. 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.

- Operations such as wire brushing, or polishing are not recommended to be performed with this power tool.** Operations for which the power tool was not designed may create a hazard and cause personal injury.
- Do not use accessories which are not specifically designed and recommended by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.
- The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** Accessories running faster than their rated speed can break and fly apart.
- The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.
- The arbour size of wheels, flanges, backing pads or any other accessory must properly fit the spindle of the power tool.** Accessories with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.
- Do not use a damaged accessory.** Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.
- Wear personal protective equipment.** Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or work piece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
- Keep bystanders a safe distance away from work area.** Anyone entering the work area must wear personal protective equipment. Fragments away and cause injury beyond immediate area of operation.
- Hold power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.
- Never lay the power tool down until the accessory has come to a complete stop.** The spinning accessory may grab the surface and pull the power tool out of your control.
- Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- Regularly clean the power tool's air vents.** The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- Do not operate the power tool near flammable materials.** Sparks could ignite these materials.
- Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.

Kickback and related warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the work piece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions. Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces.** Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up. The operator can control torque reactions or kickback forces, if proper precautions are taken.

b) **Never place your hand near the rotating accessory.** Accessory may kickback over your hand.

c) **Do not position your body in the area where power tool will move if kickback occurs.** Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.

d) **Use special care when working corners, sharp edges etc.** Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

e) **Do not attach a saw chain woodcarving blade or toothed saw blade.** Such blades create frequent kickback and loss of control.

Additional safety instructions for grinding and abrasive cutting-off operations

a) **Use only wheel types that are recommended for your power tool and the specific guard designed for the selected wheel.** Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.

b) **The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator.** The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.

c) **Wheels must be used only for recommended applications.** For example: do not grind with the side of cut-off wheel. Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.

d) **Always use undamaged wheel flanges that are of correct size and shape for your selected wheel.** Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.

e) **Do not use worn down wheels from larger power tools.** Wheel intended for larger power tool is not suitable for the higher speed of a smaller tool and may burst.

Additional safety instructions for abrasive cutting-off operations:

a) **Do not "jam" the cut-off wheel or apply excessive pressure.** Do not attempt to make an excessive depth of cut. Overstressing the wheel increases the loading and susceptibility to twisting or binding of the wheel in the cut and the possibility of kickback or wheel breakage.

b) **Do not position your body in line with and behind the rotating wheel.** When the wheel, at the point of operation, is moving away from your body, the possible kickback may propel the spinning wheel and the power tool directly at you.

c) **When wheel is binding or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop.** Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur. Investigate and take corrective action to eliminate the cause of wheel binding.

d) **Do not restart the cutting operation in the work piece.** Let the wheel reach full speed and carefully reenter the cut. The wheel may bind, walk up or kickback if the power tool is restarted in the work piece.

e) **Support panels or any oversized work piece to minimize the risk of wheel pinching and kickback.** Large work pieces tend to sag under their own weight. Supports must be placed under the work piece near the line of cut and near the edge of the work piece on both sides of the wheel.

f) **Use extra caution when making a "pocket cut" into existing walls or other blind areas.** The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

Additional safety instructions for sanding operations

a) **Do not use excessively oversized sanding disc paper.** Follow manufacturers recommendations, when selecting sanding paper. Larger sanding paper extending beyond the sanding pad presents a laceration hazard and may cause snagging, tearing of the disc or kickback.

We highly recommend that when using abrasive cutting wheels, that a cutting guard should be fitted to your angle grinder. These cutting guards are available as a spare part and can be ordered through the special orders desk

Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Drill chuck, Battery
Consumables*	Bit inserts/drill bits
Missing parts	

* Not necessarily included in the scope of delivery!


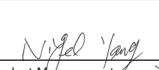
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- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

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Subject to technical changes

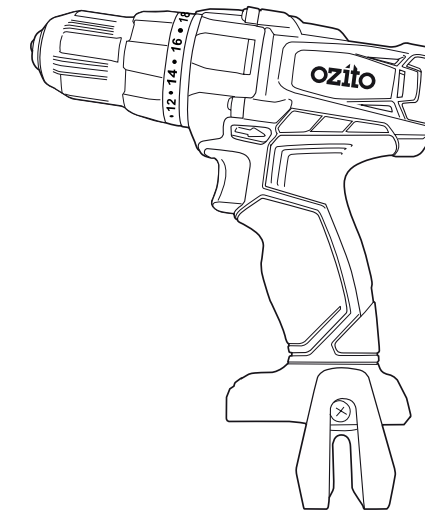
Declaration of conformity

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar		CE
explains the following conformity according to EU directives and norms for the following product		
Cordless Drill Driver PXDDS-201U / Fast Charger PXCG-030U (Ozito)		
<input type="checkbox"/> 2014/29/EU	<input checked="" type="checkbox"/> 2006/42/EC	
<input type="checkbox"/> 2005/32/EC_2009/125/EC	<input type="checkbox"/> Annex IV	Notified Body:
<input type="checkbox"/> 2014/35/EU		Notified Body No.:
<input type="checkbox"/> 2006/28/EC		Reg. No.:
<input checked="" type="checkbox"/> 2014/30/EU	<input type="checkbox"/> 2000/14/EC_2005/88/EC	
<input type="checkbox"/> 2014/32/EU	<input type="checkbox"/> Annex V	
<input type="checkbox"/> 2014/53/EC	<input type="checkbox"/> Annex VI	Noise: measured L_{VA} = dB (A); guaranteed L_{VA} = dB (A)
<input type="checkbox"/> 2014/68/EU		P = KW; L/O = cm
<input type="checkbox"/> 90/396/EC_2009/142/EC	<input type="checkbox"/> 2004/26/EC	Notified Body:
<input type="checkbox"/> 89/686/EC_96/58/EC		Emission No.:
<input checked="" type="checkbox"/> 2011/65/EU		
Standard references: EN 60745-1; EN 60745-2-1; EN 60745-2-2; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3; EN 60335-1; EN 60335-2-29		
Landau/Isar, den 12.05.2016	 Weichselgartner/General-Manager	 Yang/Product-Management
First CE: 16 Art.-No.: 34.080.52 I.-No.: 11016 Subject to change without notice	Archive-File/Record: NAPR014425 Documents registrar: Robert Gehard Wiesenweg 22, D-94405 Landau/Isar	



PXDDS-201U

GB Additional operating & safety instructions Cordless Drill Driver



Danger! - Read the operating instructions to reduce the risk of injury



Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.



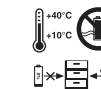
Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



Change the gear only when the drill is at a standstill. If you fail to observe this point, the gearing may be damaged.



Store the battery only in dry rooms with an ambient temperature of +10°C to +40°C. Place only charged batteries in storage (charged at least 40%).

Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Battery and charger sold separately. This tool is compatible with all 18V battery and chargers from the Power X Change range.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

Proper use

The cordless drill/screwdriver is designed for tightening and undoing screws, as well as for drilling in wood, metal and plastic.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Technical data

Voltage supply 18 V DC
Idling speed: 0-350/0-1250 rpm
Torque settings: 18
Forward and reverse rotation yes
Chuck clamping width max. 13 mm
Weight 1.1 kg

The maximum screw diameter indicates the maximum diameter of the screw that can be screwed into wood. The screw diameter can vary depending on the type of wood.

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{pA} sound pressure level 70.88 dB(A)
 K_{pA} uncertainty 3 dB
 L_{WA} sound power level 81.88 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Drilling in metal

Vibration emission value $a_h \leq 2.5$ m/s²
K uncertainty = 1.5 m/s²

Screwing without hammer action

Vibration emission value $a_h \leq 2.5$ m/s²
K uncertainty = 1.5 m/s²

Warning!

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

Caution!

Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:
As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

This consignment contains lithium-ion batteries. In accordance with special provision 188 this consignment is not subject to the ADR regulations. Handle with care. Danger of ignition in case of damage to the consignment package. If the consignment package is damaged: Check and if necessary repack. For further information contact: 0049 1807 10 20 20 66 (fixed network 14 ct/min, mobile phone max. 42 ct/min) Outside Germany charges will apply instead for a regular call to a landline number in Germany.

Charger indicator / Fast Charger

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger
On	Off	Charging The charger is charging the battery pack in quick charge mode.
Off	On	The battery is 85% -100% charged and ready for use. (Charging time for 1.5 Ah battery: 30 min) (Charging time for 2.0 Ah battery: 40 min) (Charging time for 3.0 Ah battery: 60 min) (Charging time for 4.0 Ah battery: 80 min) (Charging time for 5.2 Ah battery: 105 min) Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.
Flashing	Off	Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more than 1 hour. The reasons can be: - The battery pack has not been used for a very long time or an already flat battery was further discharged (exhaustive discharge). - The battery pack temperature is outside the ideal range (between 25° C and 45° C). Action: Wait for the charging to be completed; you can still continue to charge the battery pack.
Flashing	Flashing	Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.
On	On	Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .

Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	
Consumables*	Bit inserts
Missing parts	

* Not necessarily included in the scope of delivery!

In the effect of defects or faults, please register the problem on the internet at www.isc-gmbh.info. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

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- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

Declaration of conformity

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar




explains the following conformity according to EU directives and norms for the following product


Cordless Impact Driver PXIDS-300U / Fast Charger PXCG-030U (Ozito)

- | | |
|---|--|
| <input type="checkbox"/> 2014/29/EU | <input checked="" type="checkbox"/> 2006/42/EC |
| <input type="checkbox"/> 2005/32/EC_2009/125/EC | <input type="checkbox"/> Annex IV
Notified Body:
Notified Body No.:
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Standard references: EN 60745-1; EN 60745-2-2; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3; EN 60335-1; EN 60335-2-29; EN 62233

Landau/Isar, den 18.05.2016


Weichselgartner/General-Manager


Yang/Product-Management

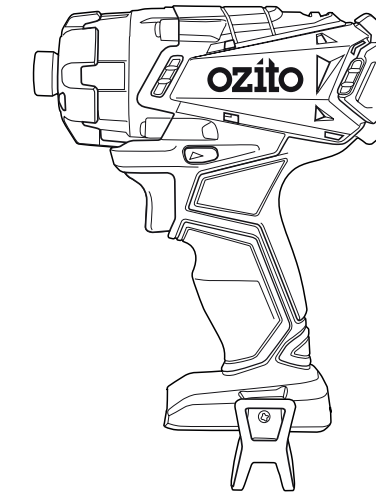
First CE: 16
Art.-No.: 45.100.33 I.-No.: 11016
Subject to change without notice

Archive-File/Record: NAPR014427
Documents registrar: R. Gehard
Wiesenweg 22, D-94405 Landau/Isar



PXIDS-300U

GB Additional operating & safety instructions Cordless Impact Driver



Danger! Read the operating instructions to reduce the risk of injury



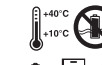
Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.



Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



Store the battery only in dry rooms with an ambient temperature of +10°C to +40°C. Place only charged batteries in storage (charged at least 40%).

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- If possible, please keep the packaging until the end of the guarantee period.

Battery and charger sold separately. This tool is compatible with all 18V battery and chargers from the Power X Change range.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

Proper use

The cordless impact driver is designed for tightening and undoing screws.

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Technical data

Motor power supply: 18 V DC
 Idling speed: 0-2300/min
 Blow rate: 0-2900/min
 Clockwise/counter-clockwise: Yes
 Bit mount: 1/4 " (6.35 mm)
 Weight: 1.4 kg
 Max. screw diameter: 8 mm

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{PA} sound pressure level 86 dB(A)
 K_{PA} uncertainty 3 dB
 L_{WA} sound power level 97 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Screwing without hammer action

Vibration emission value a_n = 12.8 m/s²
 K uncertainty = 1.5 m/s²

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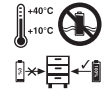
Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Carbon brushes, Battery
Consumables*	Cutting wheels, grinding wheels
Missing parts	

* Not necessarily included in the scope of delivery!

In the effect of defects or faults, please register the problem on the internet at www.isc-gmbh.info. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.



Store the battery only in dry rooms with an ambient temperature of +10°C to +40°C. Place only charged batteries in storage (charged at least 40%). (not included in delivery)

The reprinting or reproduction by any other means, in whole or in part, of documentation and papers accompanying products is permitted only with the express consent of the iSC GmbH.

Subject to technical changes

Declaration of conformity

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar



explains the following conformity according to EU directives and norms for the following product

Cordless Angle Grinder PXAGS-500U / Fast Charger PXCG-030U (Ozito)

- | | |
|---|---|
| <input type="checkbox"/> 2014/29/EU | <input checked="" type="checkbox"/> 2006/42/EC |
| <input type="checkbox"/> 2005/32/EC_2009/125/EC | <input type="checkbox"/> Annex IV |
| <input type="checkbox"/> 2014/35/EU | Notified Body: |
| <input type="checkbox"/> 2006/28/EC | Notified Body No.: |
| <input checked="" type="checkbox"/> 2014/30/EU | Reg. No.: |
| <input type="checkbox"/> 2014/32/EU | <input type="checkbox"/> 2000/14/EC_2005/88/EC |
| <input type="checkbox"/> 2014/53/EC | <input type="checkbox"/> Annex V |
| <input type="checkbox"/> 2014/68/EU | <input type="checkbox"/> Annex VI |
| <input type="checkbox"/> 90/396/EC_2009/142/EC | Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A) |
| <input type="checkbox"/> 89/686/EC_96/58/EC | P = KW; L/Ø = cm |
| <input checked="" type="checkbox"/> 2011/65/EU | Notified Body: |
| | <input type="checkbox"/> 2004/26/EC |
| | Emission No.: |

Standard references: EN 60745-1; EN 60745-2-3; EN 60335-1; EN 60335-2-29; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3

Landau/Isar, den 10.05.2016

Weichselgartner/General-Manager

Yang/Product-Management

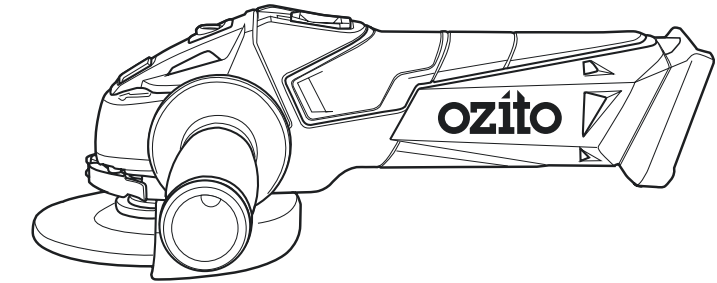
First CE: 16
Art.-No.: 44.311.17 I-No.: 11016
Subject to change without notice

Archive-File/Record: NAPR014426
Documents registrar: R. Gehard
Wiesenweg 22, D-94405 Landau/Isar



PXAGS-500U

GB Additional operating & safety instructions Cordless Angle Grinder



Danger! - Read the operating instructions to reduce the risk of injury



Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.



Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



This safety guard is designed for sanding/grinding.



This safety guard is designed for cutting and grinding/sanding.
(not included in items supplied)

Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Battery and charger sold separately. This tool is compatible with all 18V battery and chargers from the Power X Change range.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

Proper use

The angle grinder is designed for grinding metal and stone when using the appropriate grinding wheel and guard.

Warning! To cut metal and stone the grinder/sander may only be used when the guard (available as an accessory) is mounted.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Technical data

Motor power supply: 18 V DC
 Rated speed: 8500/min
 Max. wheel diameter: 115 mm
 Grinding wheels: 115 x 22 x 6 mm
 Cutting wheel: 115 x 22 x 3 mm
 Mounting spindle thread: M14

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{pA} sound pressure level 76.1 dB(A)
 K_{pA} uncertainty 3 dB
 L_{WA} sound power level 87.1 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Handle

Vibration emission value $a_{hAG} = 3.1 \text{ m/s}^2$
 K uncertainty = 1.5 m/s^2

Additional handle

Vibration emission value $a_h = 2.59 \text{ m/s}^2$
 K uncertainty = 1.5 m/s^2

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

Caution!

Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request: As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

This consignment contains lithium-ion batteries. In accordance with special provision 188 this consignment is not subject to the ADR regulations. Handle with care. Danger of ignition in case of damage to the consignment package. If the consignment package is damaged: Check and if necessary repack. For further information contact: 0049 1807 10 20 20 66 (fixed network 14 ct/min, mobile phone max. 42 ct/min) Outside Germany charges will apply instead for a regular call to a landline number in Germany.

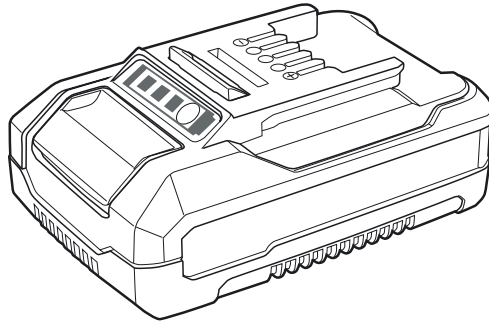
Charger indicator / Fast Charger

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger
On	Off	Charging The charger is charging the battery pack in quick charge mode.
Off	On	The battery is 85% -100% charged and ready for use. (Charging time for 1.5 Ah battery: 30 min) (Charging time for 2.0 Ah battery: 40 min) (Charging time for 3.0 Ah battery: 60 min) (Charging time for 4.0 Ah battery: 80 min) (Charging time for 5.2 Ah battery: 105 min) Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.
Flashing	Off	Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more than 1 hour. The reasons can be: - The battery pack has not been used for a very long time or an already flat battery was further discharged (exhaustive discharge). - The battery pack temperature is outside the ideal range (between 25° C and 45° C). Action: Wait for the charging to be completed; you can still continue to charge the battery pack.
Flashing	Flashing	Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.
On	On	Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .



PXBP-200U

GB Additional operating & safety instructions Power X Change Battery



Danger! - Read the operating instructions to reduce the risk of inquiry



Store the battery only in dry rooms with an ambient temperature of +10°C to +40°C. Place only charged batteries in storage (charged at least 40%). (not included in delivery)

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Subject to technical changes

Danger!

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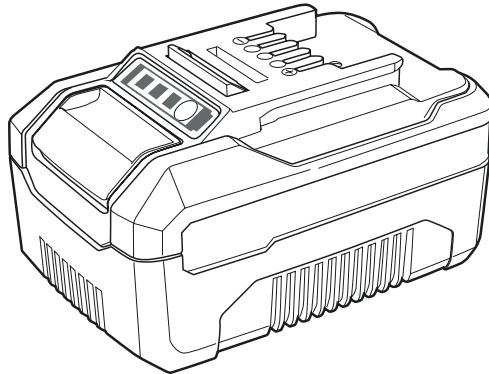
Charger indicator / Fast Charger

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	<p>Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger</p>
On	Off	<p>Charging The charger is charging the battery pack in quick charge mode.</p>
Off	On	<p>The battery is 85% -100% charged and ready for use. (Charging time for 1.5 Ah battery: 30 min) (Charging time for 2.0 Ah battery: 40 min) (Charging time for 3.0 Ah battery: 60 min) (Charging time for 4.0 Ah battery: 80 min) (Charging time for 5.2 Ah battery: 105 min) Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.</p>
Flashing	Off	<p>Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more than 1 hour. The reasons can be: - The battery pack has not been used for a very long time or an already flat battery was further discharged (exhaustive discharge). - The battery pack temperature is outside the ideal range (between 25° C and 45° C). Action: Wait for the charging to be completed; you can still continue to charge the battery pack.</p>
Flashing	Flashing	<p>Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.</p>
On	On	<p>Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .</p>



PXBP-400U

GB Additional operating & safety instructions Power X Change Battery



Danger! - Read the operating instructions to reduce the risk of inquiry



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Charger indicator / Fast Charger

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	<p>Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger</p>
On	Off	<p>Charging The charger is charging the battery pack in quick charge mode.</p>
Off	On	<p>The battery is 85% -100% charged and ready for use. (Charging time for 1.5 Ah battery: 30 min) (Charging time for 2.0 Ah battery: 40 min) (Charging time for 3.0 Ah battery: 60 min) (Charging time for 4.0 Ah battery: 80 min) (Charging time for 5.2 Ah battery: 105 min) Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.</p>
Flashing	Off	<p>Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more than 1 hour. The reasons can be: - The battery pack has not been used for a very long time or an already flat battery was further discharged (exhaustive discharge). - The battery pack temperature is outside the ideal range (between 25° C and 45° C). Action: Wait for the charging to be completed; you can still continue to charge the battery pack.</p>
Flashing	Flashing	<p>Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.</p>
On	On	<p>Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .</p>

Service information

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In the event of defects or faults, please register the problem on the internet at www.isc-gmbh.info. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

Declaration of conformity

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar



explains the following conformity according to EU directives and norms for the following product

Fast Charger PXCG-030U (Ozito)

- | | |
|---|--|
| <input type="checkbox"/> 2014/29/EU | <input type="checkbox"/> 2006/42/EC |
| <input type="checkbox"/> 2005/32/EC_2009/125/EC | <input type="checkbox"/> Annex IV
Notified Body:
Notified Body No.:
Reg. No.: |
| <input checked="" type="checkbox"/> 2014/35/EU | |
| <input type="checkbox"/> 2006/28/EC | <input type="checkbox"/> 2000/14/EC_2005/88/EC |
| <input checked="" type="checkbox"/> 2014/30/EU | <input type="checkbox"/> Annex V |
| <input type="checkbox"/> 2014/32/EU | <input type="checkbox"/> Annex VI
Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A)
P = KW; L/Ø = cm
Notified Body: |
| <input type="checkbox"/> 2014/53/EC | |
| <input type="checkbox"/> 2014/68/EU | <input type="checkbox"/> 2004/26/EC
Emission No.: |
| <input type="checkbox"/> 90/396/EC_2009/142/EC | |
| <input type="checkbox"/> 89/686/EC_96/58/EC | |
| <input checked="" type="checkbox"/> 2011/65/EU | |

Standard references: EN 55014-1; EN 55014-2; EN 60335-1; EN 60335-2-29;
EN 61000-3-2; EN 61000-3-3; EN 62233

Landau/Isar, den 26.04.2016

Weichselgartner/General-Manager

Yang/Product-Management

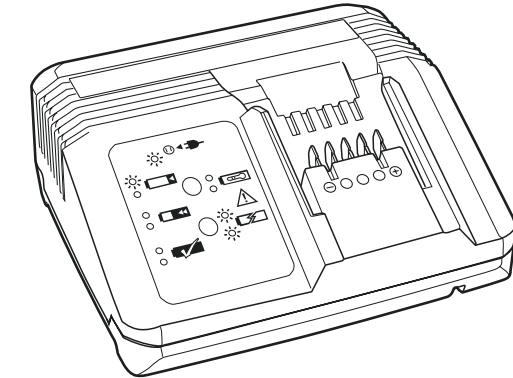
First CE: 16
Art.-No.: 45.120.50 I.-No.: 11016
Subject to change without notice

Archive-File/Record: NAPR014255
Documents registrar: R. Gerhard
Wiesenweg 22, D-94405 Landau/Isar



PXCG-030U

GB Additional operating & safety instructions Fast Charger



Danger! - Read the operating instructions to reduce the risk of injury



For use in dry rooms only.



Safety class II

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Subject to technical changes

Items supplied

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- Open the packaging and take out the equipment with care.
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- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

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Proper use

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Technical data

Charging unit:

Input: 200-250V~50-60Hz, 72W

Output: 21 V DC, 3000mA

⚠ Important.

The charging unit is allowed to be used only for the lithium-ion batteries of the Power-X-Change series!



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:
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Charger indicator / Fast Charger

Indicator status		Explanations and actions
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Flashing	Off	Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more than 1 hour. The reasons can be: - The battery pack has not been used for a very long time or an already flat battery was further discharged (exhaustive discharge). - The battery pack temperature is outside the ideal range (between 25° C and 45° C). Action: Wait for the charging to be completed; you can still continue to charge the battery pack.
Flashing	Flashing	Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.
On	On	Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .