

## TROUBLESHOOTING

### LED lights do not illuminate on charger

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

## 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](http://www.ozito-diy.co.uk) or contact Ozito Customer Service: Great Britain: 0151 294 4488 Ireland: 1850 882711 E-mail: [info@ozito-diy.co.uk](mailto:info@ozito-diy.co.uk)

## BATTERY & CHARGER SAFETY WARNINGS

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

- Before using the charger read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack.
- 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.
- 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.
- To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
- Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- 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.
- 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.
- 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.
- 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.
- Never attempt to connect 2 chargers together.
- 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).
- The charger is designed to operate on standard household electrical power (240 volts). Do not attempt to use it on any other voltage!
- The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.
- 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.
- Do not incinerate the battery pack even if it is seriously damaged or is completely worn out. The battery can explode in a fire.
- 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.
- During charging, the battery must be placed in a well ventilated area.

## 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.

## 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.

- 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.
- 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.
- 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 engaging 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

This tools 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 products charger should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.

- 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 dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
  - 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.
  - 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.
  - 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.

b) 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.

c) 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.

d) 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.

e) 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.

f) 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.

g) Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, rear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is damaged, 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.

h) 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.

i) 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.

j) 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.

k) 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.

l) 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.

m) 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.

n) Do not operate the power tool near flammable materials. Sparks could ignite these materials.

o) 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 kick back. 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.



18V LITHIUM ION

## CORDLESS ANGLE GRINDER

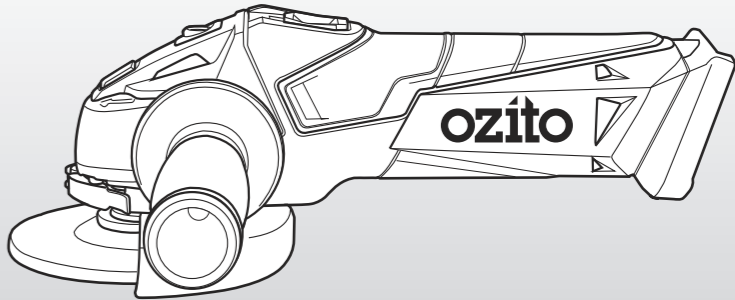
### ORIGINAL INSTRUCTIONS

### SPECIFICATIONS

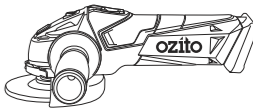
Voltage: 18V  
No Load Speed: 8500/min  
Disc Diameter: 115mm (4 1/2")  
Spindle: M14  
Weight: 1.8kg

[ozito-diy.co.uk](http://ozito-diy.co.uk)

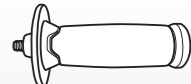
5 YEAR REPLACEMENT WARRANTY



### WHAT'S IN THE BOX



Angle Grinder



Side Handle



Safety Guard



Pin Wrench



Grinding Disc

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:

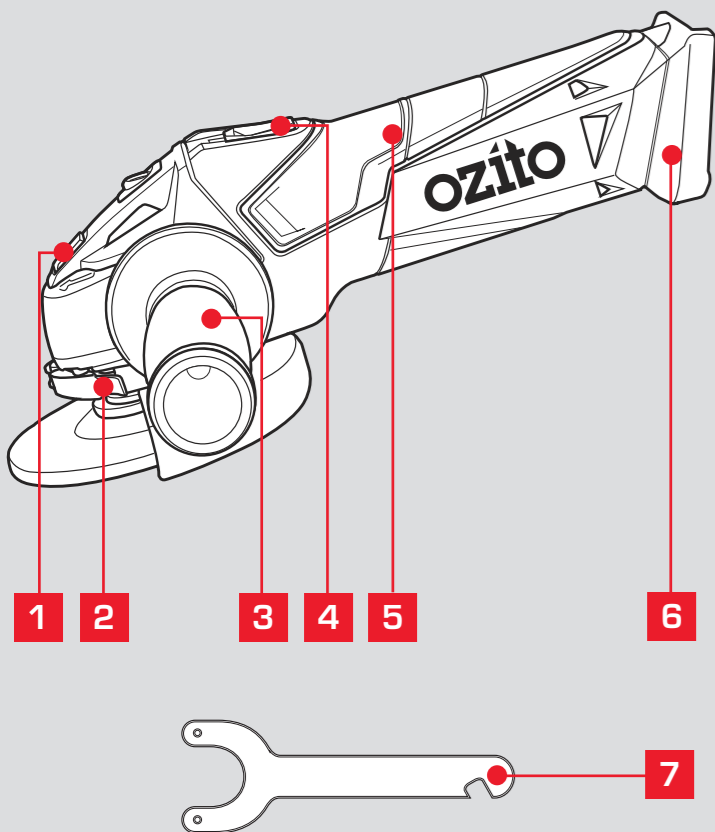
- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by 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

# KNOW YOUR PRODUCT

## CORDLESS ANGLE GRINDER (PXAGS-500U)

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



## 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.



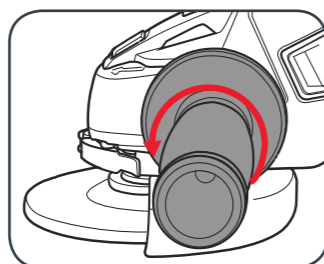
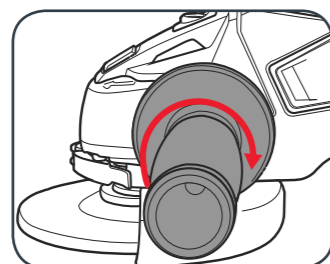
# SETUP & PREPARATION

## 1. ASSEMBLY

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

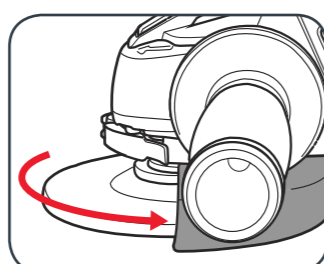
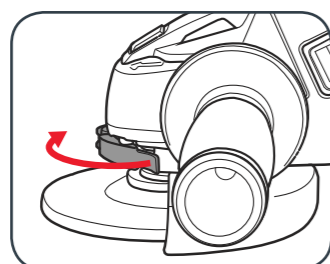
### Fitting and Removing the Side Handle

- 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

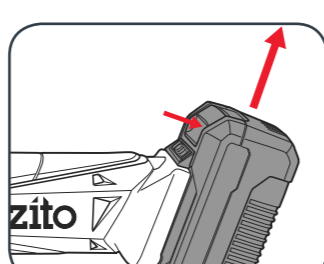
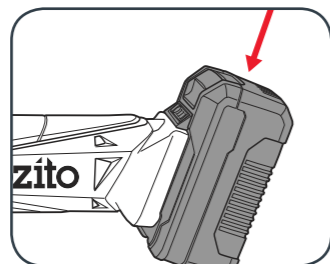
- 1 Loosen the safety guard locking lever to allow it to spin.
- 2 Rotate the guard into the desired position & secure in place with the locking lever.



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

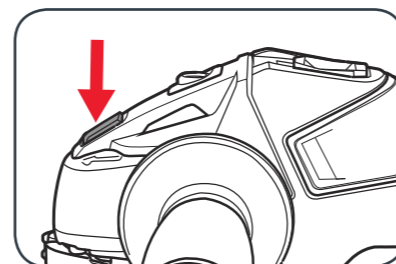
### Inserting & Removing the Battery

- 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.

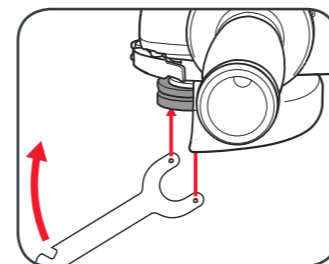


## 2. REPLACING A GRINDING DISC

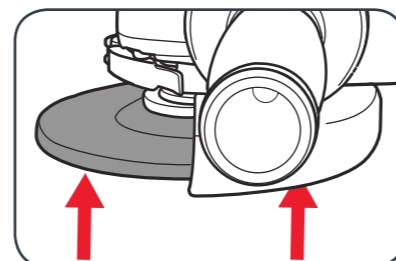
- 1 Depress and hold the spindle lock to prevent the spindle spinning.



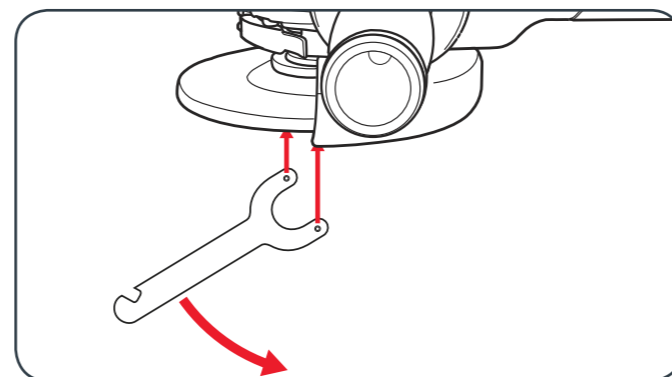
- 2 Using the pin wrench loosen the flange by rotating it anti-clockwise.



- 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.

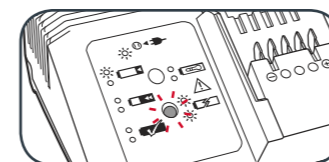


## 3. BATTERY & CHARGING

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

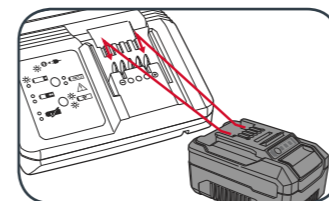
### Charging your lithium ion battery - Fast Charger

- 1 Connect the charger into a mains power outlet.

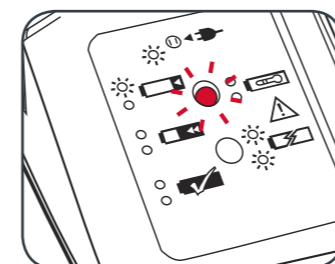


- 2 The charger LED will flash green showing power is being supplied to the charger.

- 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.

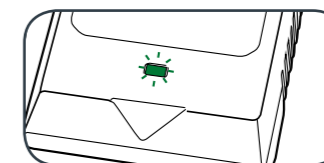


### Charger LED Indicator

| 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.                                |

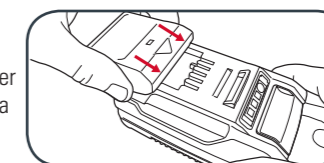
### Charging your lithium ion battery - Eco Charger

- 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.

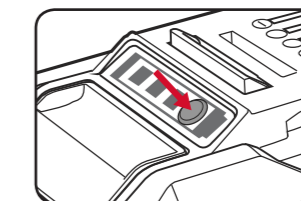
### Charger LED Indicator

| 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.

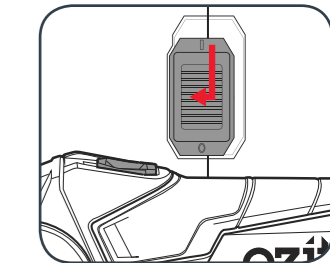
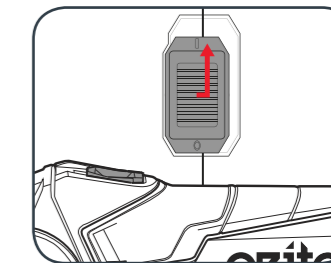
**Note:** The battery needs to be removed from the tool to check the state of charge.

# OPERATION

## 4. GRINDING

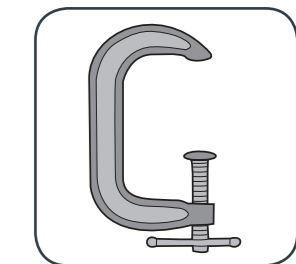
### Turning On and Off

- 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.

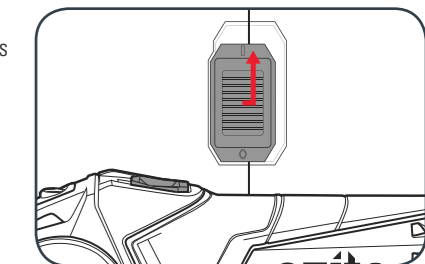


### Grinding Procedure

- 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.

