TROUBLESHOOTING

LED lights do not illuminate on charger

Check the charging adaptor is securely plugged into the wall out 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

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

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

⚠ 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 n 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).
- 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	Ah	Amp hour
dc/	Direct current	n _o	No load speed
/min	Revolutions or reciprocation per minute	mA	Milliamperes
③	Read instruction manual		Always wear gloves
•	Wear eye protection	®	Always wear ear, eye and a safety mask

A ELECTRICAL SAFETY

ARNING! 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.

The charger has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating

Note: The supply of 230V and 240V on Ozito tools are interchangeable for the UK.



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

A 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, the 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

- 1. Work area safety a. 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
- 2. Electrical safety
 a. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any
- b. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and
- c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of
- d. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of
- f. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

 3. Personal safety
- 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
- b. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust
- 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 d. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left
- e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the

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, fir and/or serious injury

b) Operations such as wire brushing, or polishing are not recommended to be performed with this

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

f) The arbour size of wheels, flanges, backing pads or any other accessory must properly fit the

q) Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks

in 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

h) Wear personal protective equipment. Depending on application, use face shield, safety googles or safety glasses. As per advisit per advisit in the decease equipments, depending or application, use lact sineur, saiety goggles of si-propriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or wo he eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respir apable of filtrating particles generated by your operation. Prolonged exposure to high intensity noise may cause hear

i) Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal

k) Never lay the power tool down until the accessory has come to a complete stop. The spinning accesso

I) Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory could sna

m) Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive

Kickback is a sudden reaction to a pinched or snagged rotating wheel backing pad, brush or any other accessory. Pinching or snagging

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

o) Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

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

auses rapid stalling of the rotating accessory which in turn causes the uncontrol are accessory's rotation at the point of the binding.

c) Do not use accessories which are not specifically designed and recommended by the tool

- Dress properly. Do not wear loose clothing or iewellery. 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 haz 4. Power tool use and care Do not force the power tool. Use the correct power tool for your application. The correct power
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be
- 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 dangerou
- 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 too Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to
- Use the power tool, accessories and tool hits etc. in accordance with these instructions taking into account the working conditions and the work to be performed. Use of the power tool for
- 5. Battery tool use and care
 a. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of
- Use power tools only with specifically designated battery packs. Use of any other battery packs may
- Treate a risk of injury and fire.

 When battery pack is not in use, keep it away from other metal objects, like paper clips,

 """ and blights that can make a connection from one
- which dattery pack is not in use, keep it away from other install objects, like paper cips, coins, keys, nails, screws or other small metal objects, that can make a connection from or 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.
- Have your power tool serviced by a qualified repair person using only identical replacement



a)Maintain a firm grip on the power tool and position your body and arm to allow you to resis trol 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 d) Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory. Corners,

e) Do not attach a saw chain woodcarving blade or toothed saw blade. Such blades create frequent kickback

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 wh c) Wheels must be used only for recommended applications. For example, do not grind with the side of cut-off

d) Always use undamaged wheel flanges that are of correct size and shape for your selected wheel.

e) Do not use worn down wheels from larger power tools. Wheel intended for larger power tool is not suitable for 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 [i] 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 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 wheel from the cut while the wheel is in motion otherwise kickback may occur. Investigate and take corrective action to eliminate the

d) Do not restart the cutting operation in the work piece. Let the wheel reach full speed and carefully reenter the

e) Support panels or any oversized work piece to minimize the risk of wheel pinching and kickback. arge work pieces tend to sag under their own weight. Supports must be placed under the work piece near the line of cut ar 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 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 kindhack

To example, it air acreases where is a stagged or injurities by the work piece, the eye of the wheel had to entering into the final point of a 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 We highly recommend that when using abrasive cutting wheels, that a cutting guard should be titted to your angle grinder. These cutting guards are available as a spare part and can be ordered through the special orders desk



18V LITHIUM ION

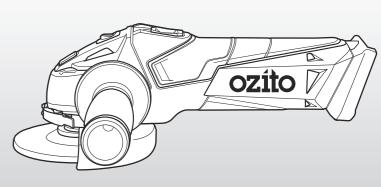
CORDLESS ANGLE GRINDER

ORIGINAL INSTRUCTIONS

SPECIFICATIONS

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

ozito-diy.co.uk



Angle Grinder



Side Handle



Safety Guard





Grinding Disc

Battery & Charger sold separately

PXAGS-500U

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 quarantee 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

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 or 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.

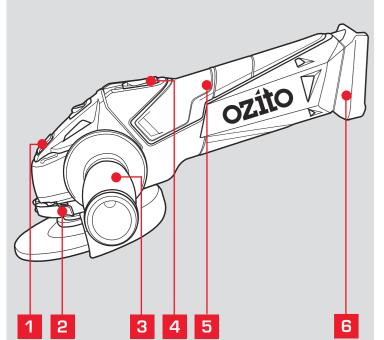
CUSTOMER SERVICE HELPLINE GB: 0151 294 4488 IRI · 1850 882711 Ozito-diy.co.uk

OZITO UK Unit 9 Stadium Court, Wirral International Business Park, Plantation Road, Bromborough, Wirral, CH62 3QG

OPERATION

CORDLESS ANGLE GRINDER

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





BATTERY & CHARGER (sold separately)

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



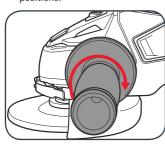
1. ASSEMBLY

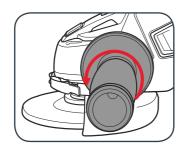
WARNING ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

Fitting and Removing the Side Handle

SETUP & PREPARATION

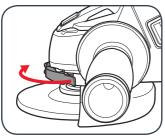
- 1 To fit, screw the side handle clockwise into 1 of 3 handle positions.
- 2 To remove, screw the handle anti-clockwise.

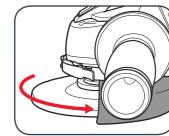




Adjusting the Safety Guard

- 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.

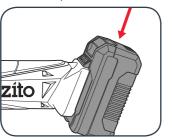


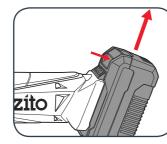




Inserting & Removing the Battery (not included)

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



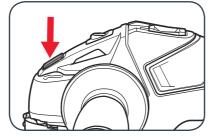


battery release tab and then

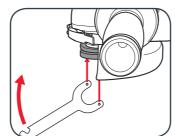
slide out.

2. REPLACING A GRINDING DISC

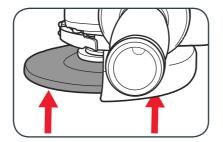
1 Depress and hold the spindle lock to prevent the spindle spinning.



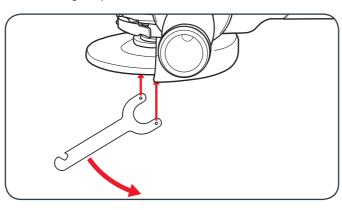
2 Using the pin wrech loosen the flange by rotating it anti -clockwise.



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 wrech while holding the spindle lock down.



3. BATTERY & CHARGING (sold separately)

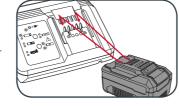
CAUTION: THE CHARGER FOR THIS PRODUCT SHOULD BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS).

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.



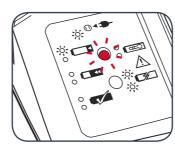
3 With the charger sitting on a flat surface, align the raised ribs on the battery with the recess in the charger and slide onto the charger ensuring a firm connection.



5 The charger LED will illuminate

green once the battery is charged.

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





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.





Low state of charge, requires charging soon.

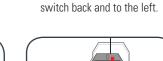


Note: The battery needs to be removed from the tool to check the state of charge.

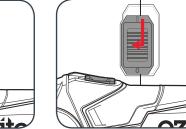
4. GRINDING

Turning On and Off

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

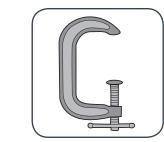


2 To turn off, slide the lock-on

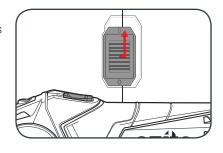


Grinding Procedure

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 10-150 to the workpiece.

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

