

# Erbauer®

*+LITHIUM ION-*



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**ERP406IPD**

**2Year**  
Guarantee

**10.8V IMPACT DRIVER**

**ERP406IPD**

Original Instructions  
(Version 3.0)

# Erbauer®

Congratulations on your purchase of a quality power tool from Erbauer (UK) Ltd. This product should give you reliable service but for your peace of mind this **Erbauer** power tool does carry a 2 year guarantee, the terms of which are detailed below.

If this product develops a fault within the guarantee period contact your retailer.

Please retain this handbook in case you need to refer to safety, care or guarantee information in the future.

## GUARANTEE

This **Erbauer** product carries a 2 year guarantee. If your product develops a fault within this period, you should in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For further technical advice, spare parts or repair service (outside of guarantee) please contact the customer helpline number on 0345 607 6380.

**10.8V IMPACT DRIVER**

**ERP406IPD**

## 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

**a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

**b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

**c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### 2) Electrical safety

**a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

**b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

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

**d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

**e) When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

**f) If operating a power tool in a damp location is**

**unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### **3) Personal safety**

**a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

**b) Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

**c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

**d) Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

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

**f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

**g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

### **4) Power tool use and care**

**a) Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

**b) Do not use the power tool if the switch does not turn it on**

**and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

**c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

**d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

**e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

**f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

**g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

## **5) Battery tool use and care**

**a) Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

**b) Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

**c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

**d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

## **6) Service**

**a) Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

## **ADDITIONAL SAFETY RULES FOR YOUR CORDLESS IMPACT DRIVER**

1. Remove the battery pack from the impact driver before carrying out adjustments.
2. Do not expose to rain or water.
3. Do not store the battery pack in temperatures over 40°C.
4. Always charge the battery pack between temperatures 0°C to 30°C. Ideal charging temperature is 18°C to 24°C.
5. Only use the charger and the battery pack provided , no other battery and charger are suitable.
6. Avoid short circuit of the battery pack connections (screws & nails).
7. Do not incinerate or burn the battery pack, it may explode.
8. Do not charge a damaged battery pack.
9. Replace any damaged supply cords on your charger, this must be carried out by a suitably qualified person.
10. Always disconnect the charger power supply before making or breaking the connections to the battery pack.
11. Battery pack and charger will be warm during charging, this is normal.
12. When not in use, remove a charged battery pack from the charger.
13. Always remove the battery pack from the charger immediately after re-charging is completed.
14. Your impact driver and battery pack will be warm when working, this is normal.
15. Do not dispose of batteries in fire, or with household waste. Return

- exhausted batteries to your local collection or recycling point.
16. Wear ear protection when operating cordless impact driver. Exposure to noise can cause hearing loss.
  17. Accessories and metal parts can become very hot.
  18. **Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

## **FOR CHARGER**


1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
2. Charger is double insulated for additional electrical safety.
3. Charger is for indoor use only.
4. If the charger supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. Never charge damaged batteries as these can short circuit and over heat.
6. When the charger is in use it **MUST** be supervised , if there is any evidence of overheating then **IMMEDIATELY** disconnect the charger from the power supply.
7. If gas or smoke is emitted from the battery during charging switch off the power supply , and move to a well vented area to allow the fumes to vent to atmosphere.  
Caution is there is leaking liquid from the battery wear protective clothing, glasses and clothes as this can be acidic.
8. Always disconnect battery charger and remove battery from charger when the charging is complete.
9. Only use the battery charger specifically stated on the base of the battery.




## **FOR BATTERY**

1. Always remove the battery pack from the charger immediately after re-charging is completed.
2. When not in use, remove a charged battery pack from the charger.
3. Do not charge a damaged battery pack.
4. Do not charge non-rechargeable batteries.
5. Do not install the battery backwards so the polarity is reversed.
6. Do not connect the positive terminal and negative terminal of the battery to each other with any metal object (such as wire).
7. Do not carry or store battery together with necklaces, hairpins or other metal objects.
8. Do not pierce the battery with nails, strike the battery with a hammer, step on the battery or otherwise subject it to strong impacts or shocks.
9. Do not solder directly onto the battery.
10. Do not expose battery to water or salt water, or allow the battery to get wet.
11. Do not disassemble or modify the battery. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode or ignite. The protection circuit module provided with battery packs is not to be used as a substitute for a shut-off switch.
12. Do not place the battery in or near fire, on stoves or other high temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Heating the battery can damage the safety circuitry, which can cause additional heating, rupture or ignition of the battery. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
13. Do not place the battery in microwave ovens, high-pressure containers or on induction cookware.
14. If you intend to store a battery for a period without use then store battery at room temperature (19°C to 25°C), charged to about 30 – 50% of capacity. When storing for very long periods boost-charge the battery once per year to prevent over discharge.
15. Always charge the battery in a temperature range of 0°C to 30°C and discharge in a temperature range of 0°C to 75°C.

16. The battery pack and charger will be warm during charging, this is normal.
17. Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, explode or ignite. The temperature range over which the battery can be charged is 0°C to 30°C. Charging the battery at temperatures outside this range may cause severe damage to the battery or reduce battery life expectancy.
18. When the battery is worn out, insulate the terminals with adhesive tape or similar materials before disposal.
19. Do not dispose of batteries in fire, or with household waste. Return exhausted batteries to your local collection or recycling point.

 **Warning: If a small amount of electrolyte should leak from the battery pack under extremes of temperature or after heavy use, then wash off immediately from your skin and hands using clean water.** For eye contact, rinse thoroughly with clean water and seek medical treatment immediately.

 **Warning: Some dust particles created by power sanding, sawing, grinding, drill and other construction jobs 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 these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

## VIBRATION

The European Physical Agents (Vibration) Directive has been brought in to help reduce hand arm vibration syndrome injuries to power tool users. The directive requires power tool manufacturers and suppliers to provide indicative vibration test results to enable users to make informed decisions as to the period of time a power tool can be used safely on a daily basis and the choice of tool.

Further Advice can be found at [www.hse.gov.uk](http://www.hse.gov.uk)


Vibration total values (triax vector sum) determined according to EN 60745:	
Typical weighted vibration	Vibration emission value $a_{hD} = 4.11\text{m/s}^2$
	Uncertainty $K = 1.5\text{m/s}^2$

The declared vibration emission value should be used as a minimum level and should be used with the current guidance on vibration.

Calculating the actual period of the actual period off use can be difficult and the HSE website has further information.

The declared vibration emission been measured in accordance with a standardised test stated above and may be used to compare one tool with another tool.

The declared vibration emission value may also be used in a preliminary assessment of exposure.

 **Warning:** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained.


The use the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles.

And the tool is being used as intended by its design and these instructions.

**While working with this power tool, hand/arm vibrations occur. Adopt the correct working practices in order to reduce the exposure to vibration.**

**This tool may cause hand-arm vibration syndrome if its use is not adequately managed.**

 **Warning:** Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time). Note The use of other tools will reduce the users' total working period on this tool.

Helping to minimise your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

Avoid using tools in temperatures of 10°C or less.

Plan your work schedule to spread any high vibration tool use across a number of days.

### Health surveillance

All employees should be part of an employer's health surveillance scheme to help identify any vibration related diseases at an early stage, prevent disease progression and help employees stay in work.

## Double insulation

The charger is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

## Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use lowvibration and low-noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimize the vibration and noise exposure risks:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct application tools for the product and ensure they in good condition.
4. Keep tight grip on the handles/grip surface.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a number of days.


**Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.**

1. Always be alert when using this product, so that you can recognise and handle risks early.  
Fast intervention can prevent serious injury and damage to property.
2. Switch off and disconnect from the power supply if there is any malfunction. Have the product checked by a qualified specialist and repaired, if necessary, before you put it into operation again.

## Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
2. Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects.

 **Warning:** This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

## Important note:

Be sure the supply is the same as the voltage given on the rating plate for the charger. The charger is fitted with a two-core cable and plug.

Remove the mains plug from socket before carrying out any adjustment or servicing.

## SYMBOLS



To reduce the risk of injury, user must read instruction manual



Warning



Double insulation



Wear ear protection



Wear eye protection



Wear dust mask



Indoor use only



30minutes charging time for ERH498BAT

30min



Do not expose to rain or water



Do not burn



Wear gloves



Always charge the battery pack between temperatures 0°C to 30°C. Ideal charging temperature is 18°C to 24°C.



This symbol indicates that this battery contains lithium. This battery shall be brought to your shop to be recycled.



Do not dispose of batteries. Return exhausted batteries to your local collection or recycling point.

Li



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

yyWxx

Manufacturing date code; Year of manufacturing (20yy) and week of manufacturing (Wxx);

# 10.8V IMPACT DRIVER

# ERP406IPD



- 
1. FORWARD, REVERSE ROTATION AND LOCK CONTROL

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  2. SOFT GRIP HANDLE

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  3. BATTERY PACK LATCH

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  4. BATTERY PACK

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  5. ON/OFF SWITCH WITH VARIABLE SPEED CONTROL

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  6. LED LIGHT


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  7. COLLET LOCKING SLEEVE

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  8. CHARGER
-

## TECHNICAL DATA

Voltage	10.8V 
No load speed	0-2400/min
Impact rate	0-3000/min
Max torque	90N.m
Chuck Size	1/4" ( 6.35mm ) hex
Charger input	230-240V~50Hz
Charger output	12V  3.0A
Charging time	30min
Battery capacity	1.3Ah (14.1Wh) Li-Ion
Machine weight	1.0kg

## NOISE INFORMATION

A weighted sound pressure	$L_{pA}$ : 82dB(A)
A weighted sound power	$L_{WA}$ : 93dB(A)
$K_{PA}$ & $K_{WA}$	3.0dB(A)
Wear ear protection when sound pressure is over	80dB(A)




## ACCESSORIES

1.3Ah lithium battery pack  
30min charger  
PZ2 bit

2pcs  
1pc  
2pcs



# OPERATING INSTRUCTIONS

 **Note:** Before using the tool, read the instruction book carefully.

## Intended Use


This tool is intended for the fastening and loosening of bolts, nuts and various threaded fasteners. This tool is not intended for use as a drill.

## BEFORE PUTTING INTO OPERATION

### A) CHARGING THE BATTERY (See Fig. 1-1)

#### CHARGING PROCEDURE

- 1) Plug the charger (A) into an appropriate outlet. The light (B) will be green.
- 2) Insert the battery pack (4) into the charger, the light (B) will be red to indicate the charging process has started.
- 3) On completion of charge, the light will turn to be green. The pack is now fully charged, unplug the charger and remove the battery pack.

 **Warning:** When battery charge runs out after continuously use or exposure to direct sunlight or heat, allow time for the tool to cool down before re-charging to achieve the full charge.

## CHARGING INDICATOR

This charger is designed to detect some problems that can arise with battery packs. Indicator lights indicate problems (see table below). If this occurs, insert a new battery pack to determine if the charger is OK. If the new battery charges correctly, then the original pack is defective and should be returned to a service center or recycling service center. If the new battery pack displays the same problem as the original battery pack, have the charger tested at an authorized service center.

Light	ON/OFF flash	Status
Red on	—————	Charging
Red flash	- - - - -	Defective Battery
Green on	—————	Fully Charged
Green flash	- - - - -	Hot/Cold Delay

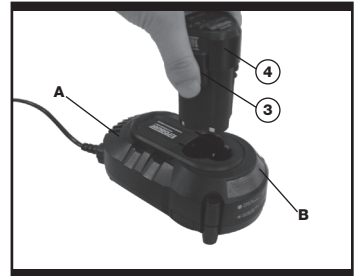


Fig. 1-1

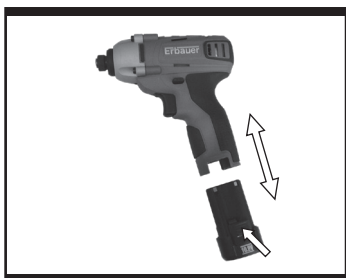


Fig. 1-2

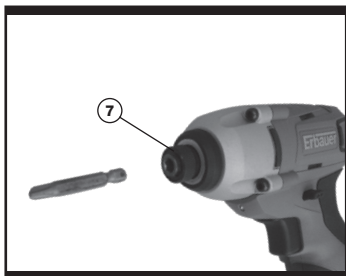


Fig. 2

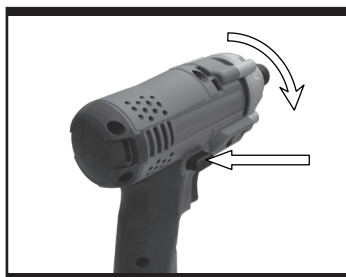


Fig. 3-1



Fig. 3-2

## B) TO REMOVE OR INSTALL BATTERY PACK (See Fig. 1-2)

Depress the battery pack release button to release and slide the battery pack out from your tool. After recharge, slide it back into your tool. A simple push and slight pressure will be sufficient.

## OPERATION

### 1. COLLET LOCKING SLEEVE

Pull the collet locking sleeve forward. Fully insert the desired bit into the chuck and release the collet locking sleeve. The collet accepts only standard 1/4" (6.35 mm) hexagonal shank accessories with power groove. Do not use this tool as a drill. Tools equipped with shut-off clutches are not designed for drilling applications. The clutch can shut off automatically and without warning. Attempting to restart drilling after shut-off has been reached can cause the tool to twist out of your hand until the clutch again reaches shut-off. Do not attempt to insert quick change type drill bits into this chuck.


### 2. REMOVING A BIT HOLDER, SOCKET OR SCREWDRIVER BIT (See Fig. 2)

Pull the collet locking sleeve (7) forward. Take the tool out of the chuck and release the collet locking sleeve.

### 3. FORWARD, REVERSE ROTATION AND LOCK CONTROL (See Fig. 3-1,3-2)

Your tool is equipped with a forward, reverse rotation and lock control located above the on/off switch. It was designed for changing rotation of the chuck and for locking the on/off switch in the center position to help prevent accidental start and accidental battery discharge.

For forward rotation, (with chuck pointed away from you) move the lever to the far left. For reverse rotation move the lever to the far right. To activate switch lock move the lever to the center off position.

 **Warning: Never change the direction of rotation when the chuck is rotating, wait until it has stopped!**

### 4. LED LIGHT (6)

To turn on the light simply press the on/off switch. When you release the on/off switch, the light will be

off.

LED lighting increases visibility-great for dark or enclosed area. LED is also a battery capacity indicator.

**Note: The LED light will be flashing when the battery is getting low voltage or the battery is getting extremely hot. Recharge your battery or allow time for your battery to cool down before going on your work.**

## **POSSIBLE PROBLEMS AND SOLUTIONS**

### **I CANNOT FIT THE BATTERY INTO THE BATTERY CHARGER. WHY?**

- a) Check if the charger and the battery pack are specifically designed for working together.
- b) The battery can be inserted into the charger only in one direction. Turn the battery around until it can be inserted into the slot, the indicator light should be red when the battery is charging.

## **REASONS FOR DIFFERENT CHARGING TIMES**

The charging time can be affected by many reasons which are not defects in your product.

- a) If the battery pack is only partly discharged it may be re-charged in less than 30mins.
- b) If the battery pack and ambient temperature are very cold then re-charging may take 0.5-1 hours.
- c) If the battery pack is very hot it will not re-charge because the internal temperature safety cutout will prevent it. If the battery pack is very hot you must remove your battery pack from the charger and allow your battery pack to cool first to ambient temperature and then recharging can be started.

## MAINTENANCE

Your power tool requires no additional lubrication or maintenance.

There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

## ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. For further information visit [www.recycle-more.co.uk](http://www.recycle-more.co.uk).

## DISPOSAL OF AN EXHAUSTED BATTERY PACK



To preserve natural resources, please recycle or dispose of the battery pack properly. This battery pack contains Li-ion batteries. Consult your local waste authority for information regarding available recycling and/or disposal options. Discharge your battery pack by operating your tool, then remove the battery pack from the tool housing and cover the battery pack connections with heavy-duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.

## PLUG REPLACEMENT (UK & IRELAND ONLY)

If you need to replace the fitted plug for charger then follow the instructions below.

### IMPORTANT

The wires in the mains lead are colored in accordance with the following code:

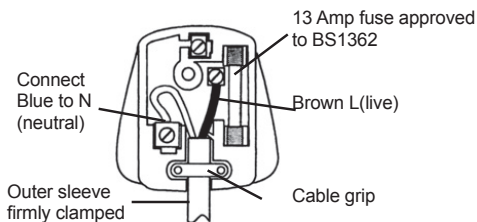
**BLUE = NEUTRAL**

**BROWN = LIVE**

As the colors of the wires in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows. The wire which is colored blue must be connected to the terminal which is marked with **N**. The wire which is colored brown must be connected to the terminal which is marked with **L**.

**⚠ Warning:** Never connect live or neutral wires to the earth terminal of the plug. **Only fit an approved 13AMP BS1363/A plug and the correct rated fuse.**

**Note:** If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



# Erbauer®

## EC DECLARATION OF CONFORMITY

We, Importer  
**Erbauer (UK) Ltd BA22 8RT**

Declare that the product  
Description: **10.8V Impact driver**  
Model: **ERP406IPD**

Complies with the following Directives,  
Machinery Directive **2006/42/EC**  
Low Voltage Directive **2006/95/EC**

Electromagnetic Compatibility Directive **2004/108/EC**

Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment **2011/65/EU**  
**2012/19/EU** Waste Electrical and Electronic Equipment (WEEE)

Standards and technical specifications referred to:

**EN 55014-1**  
**EN 55014-2**  
**EN 61000-3-2**  
**EN 61000-3-3**  
**EN 60745-1**  
**EN 60745-2-2**  
**EN 60335-1**  
**EN 60335-2-29**  
**EN 62233**

### Authorised Signatory and technical file holder

Date: 22/01/15

Signature: P. C. Harries

Name / title: Peter Harries / Quality Manager  
Erbauer (UK) Ltd. Trade House, Mead Avenue, BA22 8RT



**Erbauer®**