

Erbauer®



ERB607CHR

2Year
Guarantee

18V CHARGER

ERB607CHR

Original Instructions
(Version 2.0)

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 years 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.

GENERAL 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.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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.

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR BATTERY CHARGER

1. Before charging, read the instructions.
2. After charging, disconnect the battery charger from the supply mains. Then remove the chassis connection and then the battery connection.
3. Do not charge a leaking battery.
4. Do not use chargers for works other than those for which they are designed.
5. Before charging, ensure your charger is matching the local AC supply.
6. For indoor use, or do not expose to rain.
7. The charging device must be protected from moisture.

8. Do not use the charging device in the open.
9. Do not short out the contacts of battery or charger.
10. Respect the polarity “+/-“ when charging.
11. Do not open the unit and keep out of the reach of children.
12. Do not charge the batteries of other manufactures or ill-suited models.
13. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
14. Keep battery charger’s slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
15. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
16. Do not recharge non-rechargeable batteries, as they can overheat and break.
17. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.
18. Charge only battery pack of the same model provided by manufacturer and of models recommended by manufacturer.

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 low-vibration 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



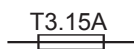
For indoor use only



Warning



Read the operator's manual.



Fuse

T 3.15A time lag fuse with rated current of 3.15A



Positive terminal



Negative terminal



Double insulation



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

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

TECHNICAL DATA

Rated input voltage	100 - 240V ~ 50/60Hz
Output voltage	14.4 - 20V 
Charging current	3A
Rated Input power	78W
Charge battery	Li-ion
Protection class	 /II
Machine weight	0.45kg

Battery pack	ERI606BAT	ERI660BAT
Charging Time	48min	90min
Battery capacity	2.0Ah 36Wh	4.0Ah 72Wh

CHARGING PROCEDURE



NOTE: Before using the tool, read the instruction book carefully.

CHARGING INSTRUCTIONS

1. CHARGING YOUR BATTERY PACK



WARNING:

The charger and battery pack are specifically designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.

2. HOW TO CHARGE YOUR BATTERY CHARGING PROCEDURE





- 1) Plug the charger into an appropriate outlet.
- 2) Slide the battery pack into the charger. The charge indicator LIGHT (3) will become green and flash to show charging has started.
- 3) After charging approx 1-2 hours, the light will stay green without flashing, which means the battery is full, and charging is completed.



WARNING: When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the battery 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	————	Defective Battery
 Red flash	- - - - -	Battery Temperature Protection The temperature of battery pack is less than 0°C or more than 45°C.
 Green on	————	Fully Charged
 Green flash	- - - - -	Charging

BATTERY TEMPERATURE PROTECTION

This charger has a battery temperature protection feature. When the charger detects a battery pack that is too hot or cold (the light will be red and flash), it automatically activates the protection circuit, and suspends charging until the battery pack has reached the correct temperature. The charging process will then automatically begin (the light will be green and flash). This feature ensures maximum battery life.

Note: please make sure every half year recharge battery pack one time if the battery pack stock long time.

At this time charging directly charger red light could be lighting, please remove battery pack from charger and standing it for a period time before recharge.

LEAVING THE BATTERY PACK IN THE CHARGER

If a fully charged battery pack is left in the charger, the Light will remain green. The battery pack will remain charging with a maintenance trickle current.

DEFECTIVE BATTERY PACKS

This charger will detect a defective battery pack. When a defective battery pack is inserted into the charger, the charger will try to repair it. This process will last about 30mins (the light will be green and flash). If the repair is successful, the charger will

automatically begin to charge the battery pack to the highest capacity possible (the light will be green and flash). If the light becomes solid red, the battery pack is dead.

NOTE: Repaired battery packs are still usable but should not be expected to perform as much work as new battery packs.

IMPORTANT CHARGING NOTES:

1. For a new battery or a battery that has been in storage for sometime, please recharge the battery before use. If you want to store the battery for a long time, please fully charge the battery pack to ensure maximum battery life.
2. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between (18°C-24°C). Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.
3. Never freeze your charger or immerse charger in water or any other liquid.
4. When the battery pack fails to produce sufficient power on jobs that were previously done easily, please recharge your battery, do not continue to use under this condition. You may charge a partially used pack whenever you desire with no adverse affect on the battery pack.
5. When charging it is normal that the charger and battery pack may become warm to touch.
6. If the battery pack does not charge properly:
 - a. Check current at power outlet by plugging in another appliance.
 - b. Plug and unplug to check whether the charger is ok
 - c. Check whether the battery has been damaged
 - d. Move the charger and battery pack to a location where the surrounding air temperature is approximately 18°C-24°C.
 - e. If the charging problem persists, take the tool, battery pack and charger to an authorized service center.
 - f. Under certain conditions, when the charger is plugged into the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature

such as metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the charger or before attempting to clean.

PROBLEM SOLUTION

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 green and flash 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 rated charging time.
- b) If the battery pack and ambient temperature are very cold/ hot, it may take longer to re-charge. Please find an appropriate environment with proper air temperature to start charging.
- c) If the battery pack is very hot, remove battery pack from the charger and allow battery pack to cool first to ambient temperature and then recharging can be started.

MAINTENANCE

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

Your battery charger requires no additional lubrication or maintenance. Never use water or chemical cleaners to clean your charger. Wipe clean with a dry cloth. Always store your charger in a dry place.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard

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.

PLUG REPLACEMENT (UK & IRELAND ONLY)

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

IMPORTANT

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

BLUE = NEUTRAL

Brown = Live

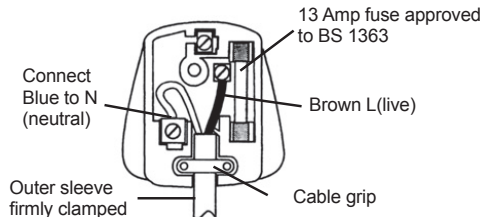
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with N. The wire which is coloured brown must be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

DECLARATION OF CONFORMITY

We, Importer
Erbauer (UK) Ltd BA22 8RT

Declare that the product
Description: **18V CHARGER**
Model: **ERB607CHR**

Complies with the following directives,
EC Low Voltage Directive **2014/35/EU**
EC Electromagnetic Compatibility Directive **2014/30/EU**
Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment **2011/65/EU**
Waste Electrical and Electronic Equipment (WEEE) **2012/19/EU**

Standards and technical specifications referred to:

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

Authorised Signatory and technical file holder

Date: 02/11/16

Signature: 

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



18V CHARGER

ERB607CHR

Erbauer®