RIKÄ
QUALITY GUARANTEED.

Owner's Operating Manual
Model No: RK40FC4

RK40V

4.0A Fast Battery Charger

IMPORTANT! PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE ALL SAFETY INSTRUCTIONS AND WARNINGS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE DAMAGE TO PROPERTY AND/OR PERSONAL INJURY.

KEEP THESE INSTRUCTIONS SAFE AND AVAILABLE FOR FUTURE REFERENCE.

Certificate of Guarantee

This product is guaranteed for a period of 1 year, with effect from the date of purchase and applies only to the original purchaser. This guarantee applies to defects arising from, defective materials or faulty workmanship that become evident during the guarantee period only and does not include consumable items. The manufacturer will either repair or replace the product at their discretion, subject to the following.

That the product has been used in accordance with the guidelines as detailed in the product manual and that it has not been subject to misuse, abuse or used in a purpose for which it was not intended. That it has not been taken apart or tampered with in any way whatsoever or has been service by unauthorised persons or has been used for hire purposes.

Transit damage is excluded from this guarantee.

Claims made under this guarantee must be made directly to Customer Service:
01332 576 850 within the guarantee period. Receipt and proof of purchase required.

The manufacturer shall not be liable for any special, exemplary, direct, indirect, incidental or consequential loss or damage under this guarantee.

Introduction

Thank you for purchasing this product which has passed through our extensive quality assurance process. Every care has been taken to ensure that it reaches you in perfect condition. However, in the unlikely event that you should experience a problem, or if we can offer any assistance or advice please do not hesitate to contact our customer service.

Safety First
Before attempting to operate this product the following basic safety precautions should always be taken to reduce the risk of fire, electric shock and personal injury. It is important to read the instruction manual to understand the application, limitations and potential hazards associated with this product.

After-Sales Service

IShould you require any further assistance regarding your product or in the unlikely event of a defect occurring, please contact us at **rikapowertools.com**. When contacting us, be ready to provide the product Model No: and the serial number found on the product.

Intended Use

The charger is compatible with all batteries from the RIKA 40V tool range.

Any other application beyond the conditions established for use will be considered misuse. RIKA accepts no responsibility for improper use of this product.

Important Safety Instructions

Due to continued product refinement policy, product features and specifications can and will change without notice.

Check current features and specifications with your retailer.

The purpose of safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.

SAFETY ALERT SYMBOL

Indicates danger, warning, caution or notice. May be used in conjunction with other symbols or pictures.

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE indicates information considered important, but not hazard-related (e.g., messages relating to property damage).

Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

Do not attempt to operate this tool until you have read thoroughly and completely understood the safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock or serious personal injury. Save this Owners Operating Manual and review it frequently for continual safe operation and for instructing others who may use this tool.

SPECIFIC SAFETY INSTRUCTIONS

WARNING! Read and understand all instructions. Failure to follow all instructions listed below could result in electrocution, fire, and/or explosion, which can cause death or serious injury.

The product is not intended for use by children or persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge.

Children should be adequately supervised to ensure they do not play with the product.

Before using the battery charger, read all instructions and cautionary markings in this manual, on the battery charger, battery, and tool using the battery to prevent misuse of the products and possible injury or damage.

WARNING! To reduce the risk of electric shock or damage to the charger and battery, charge only RIKA lithium-ion rechargeable batteries. Other types of batteries may burst, causing personal injury or damage.

Only use the following batteries with this charger.

RIKA 2000mAh Li-Ion Battery: RK40B2
RIKA 4000mAh Li-Ion Battery: RK40B4
RIKA 4000mAh Li-Ion Battery: RK40TB4

Do not use the charger outdoors or expose to wet or damp conditions. Water entering the charger will increase the risk of electric shock.

Important Safety Instructions

Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

Before using the device check that the mains cable and mains plug are not damaged.

Do not use the device if it has suffered any heavy shock or jolting, or is damaged in any other way.

Due to the heat generated during charging, the battery charger should not be operated on a combustible surface/in an inflammable environment.

Do not cover the ventilation slots.

Never disassemble the device yourself.

Pull the plug of the battery charger out of the socket when it is not in use or when cleaning it.

Only use extension cables that are approved and technically in perfect condition.

During operation provide sufficient ventilation. Malfunction during charging can be caused by storing and operating in places where the temperature exceeds +40°C; this should be avoided. Battery charging in closed cupboards, near heat sources (radiators, bright sunshine) etc., causes heat to accumulate and can damage the device.

If a battery is not going to be used for a longer period, disconnect the charging cable from the battery and pull out the mains plug.

Protect battery contacts to avoid a short circuit caused by metallic object that can cause a fire or explosion!

Only charge original recommended batteries.

If the power cord is damaged, it must be replaced by an authorised service centre in order to avoid a hazard.

Do not crush, puncture or dismantle the charger.

Make sure your hands are dry before touching the charger or the battery pack.

CHARGING BATTERIES

When charging a new battery pack it should be fully discharged followed by a full charge for the charging rate for the battery as stated in its product manual plus 30 minutes. This should then be followed by a full discharge and a further full charge for the charging rate for the battery as stated in its product manual plus 30 minutes. This procedure will condition the battery and equalise the cell voltages. Following this procedure will ensure the optimum operation of the battery.

When repeatedly using a charger to charge a number of batteries always allow the charger to cool down before charging another battery. It is recommended that the cooling down period is not less than 30 to 45 minutes.

When charging a battery that has been discharged during heavy use allow the battery to cool down before charging. It is recommended that the cooling down period is not less than 30 to 45 minutes.

NOTE: If the charger does not charge the battery pack under normal circumstances, return both the battery pack and charger to the nearest RIKA authorised service centre for electrical check.

Battery packs need to be recharged with a reasonable amount of care, largely because they can be damaged by overcharging.

Important Safety Instructions

Overcharging can result in the battery temperature and internal pressure to rise rapidly. This can cause the cells to distort and lose electrolyte, and in extreme cases where the internal pressure is extremely high they can even explode.

This situation can also arise when an overcharged battery is fitted to the product and is being used. In order to avoid this extreme situation it is of vital importance that Li-Ion batteries are fully discharged before charging and that the charge time is not exceeded except when “Conditioning” a new battery. Repeated charging of partially discharged batteries could cause failure of one or more of the cells.

BATTERY CHARGING INDOORS
Chargers are designed to be used indoors. We do not recommend that chargers are used inside your home. Ideally batteries should be charged on a bench in a workshop, garage or shed. If the charging operation is to be carried out in your home the area must be well ventilated and the charger must be placed on a non combustible surface ensuring that the ventilation slots are not blocked. Never exceed the charging time except when “Conditioning” a new battery, as this could damage a battery and charger.

WARNING! The mains voltage must correspond with the voltage specifications on the device.

CONNECTION TO THE POWER SUPPLY
This appliance is supplied with an approved plug and cord for your safety.

If the power supply cord is damaged, it must be replaced by RIKA, an authorised service agent or similarly qualified personnel in order to avoid a hazard. The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.

DOUBLE INSULATED: The charger is double insulated and does not require an earth connection to protect against electric shock from accessible conductive parts in the event of failure of the basic insulation.

The charger is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

The value of the fuse fitted is marked on the pin face of the plug. Should the fuse need replacing, use a small plain-slot screwdriver to remove the fuse cover. Ensure the substitute is of the correct rating, approved to BS 1363/A and ASTA or BS Kite marked. This should only be performed by suitably qualified personnel.

Use of an extension lead is not recommended with this charger.

If an extension lead is required, use an approved and compatible lead rated for this product.

Follow all the instructions supplied with the extension lead.

RESIDUAL RISK
The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

Safety Symbols

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

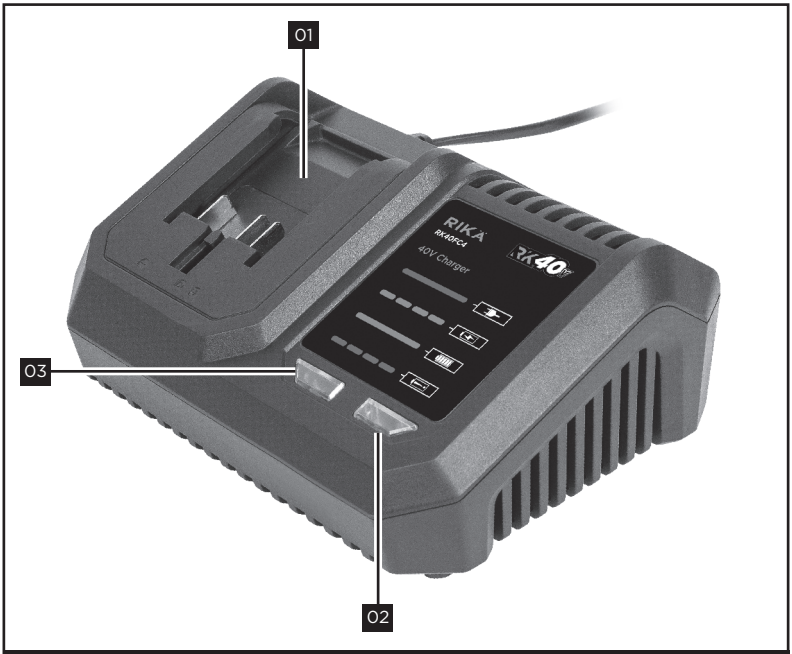
SYMBOL	DESIGNATION/EXPLANATION
	Indicates danger, warning or caution. It means attention!!! Your safety is involved.
	Your manual contains special messages to bring attention to potential safety concerns as well as operating and servicing information. Please read all the information carefully to ensure satisfaction and safe use.
	Double insulated for additional protection.
	Indicates that the product is designed for indoor use only. Do not expose to wet conditions.
130° C	Thermal link with operating temperature..
	Converts high AC voltage from the power outlet to a lower, safer AC voltage. This lower AC voltage is then converted to DC.
	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.
CE UK CA	Conforms to relevant safety standards.

Technical Specification

Input Voltage:	220-240V~50/60Hz, 220W
Output Voltage:	40V DC, 4.0A
Power Cable Length:	1.8m
Weight:	0.785kg

Charging Times	
With RK40B2 2.0Ah Battery:	~ 39 mins
With RK40B4 4.0Ah Battery:	~ 69 mins
With RK40TB4 4.0Ah Battery:	~ 68 mins

Components & Controls



01. Battery port
02. Green LED indicator
03. Red LED indicator

Unpacking

CAUTION. This packaging contains sharp objects. Take care when unpacking. Remove the machine, together with the accessories supplied, from the packaging. Check carefully to ensure that the machine is in good condition and account for all the accessories listed in this manual. Also make sure that all the accessories are complete.

If any parts are found to be missing, the machine and its accessories should be returned together in their original packaging to the retailer. Do not throw the packaging away, keep it safe throughout the guarantee period, then recycle if possible, otherwise dispose of it by the proper means. Do not let children play with empty plastic bags due to the risk of suffocation.

Operation

WARNING. Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled or with damaged or missing parts could result in serious personal injury.

WARNING. Do not attempt to modify this product or create accessories or attachments not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

WARNING. If at any point during the charging process none of the LEDs are lit, remove the battery pack from the charger to avoid damaging the product. DO NOT insert another battery. Return the charger and battery to your nearest service centre for service or replacement.

CHARGING A BATTERY PACK

This charger is compatible with the following RIKA batteries:

RIKA 2000mAh Li-Ion Battery: RK40B2
RIKA 4000mAh Li-Ion Battery: RK40B4
RIKA 4000mAh Li-Ion Battery: RK40TB4

WARNING. Only charge with compatible batteries. Use of other batteries may result in fire, damage or serious personal injury.

CAUTION. The charger should be protected by a residual current device (rated at 30mA or less).

NOTE: Batteries will not reach full charge the first time they are charged. Allow several cycles (operation followed by recharging) for them to become fully charged.

CHARGING THE BATTERY WITH THE RK40FC4 FAST CHARGER

Plug the charger into a standard 230V~50Hz mains outlet socket, the red LED on the charger will illuminate to indicate it is ON.

Do not allow the cable to become knotted or kinked.

Place the battery pack into the charger base, Fig.1. (Note the battery has raised ribs which allows it to fit into the charger only one way).

Fig.1

The amount of time required for charging is dependent of which type of battery and charger you are using. Please use the following chart to determine your batteries charge time.

BATTERY CHARGE TIMES WHEN USED WITH RK40FC4 FAST CHARGER	
RK40B2 2.0Ah Li-ion Battery	~ 39 mins
RK40B4 4.0Ah Li-ion Battery	~ 69 mins
RK40TB4 4.0Ah Li-ion Battery	~ 68 mins

Operation

A green LED on the charger will start flashing to indicate charging is in progress. The green LED will stay illuminated when the battery is fully charged.

NOTE: The battery pack can become a little warm during the charging. This is normal.

If the battery pack fails to charge, check:

1. If there is voltage at the socket outlet.
2. That the battery and charger are properly connected.

Unplug the charger when not in use and store it in a suitable storage cabinet.

To remove the battery pack from the charger, press the battery release catch and slide the battery away from the charger.

CHARGER DIAGRAM EXPLAINED

SYMBOL	MEANING
	Solid Red LED. Charger is plugged into power socket.
	Flashing Green LED. Charging in progress.
	Solid Green LED. Battery is fully charged.
	Flashing Red LED. Problem with battery or the charger.

CHARGING NOTES

Unplug the charger when not in use and store it in a suitable storage cabinet.

Avoid charging your battery in freezing conditions as charging power will not be sufficient.

When charging more than one battery pack in succession allow at least 30 minutes for the charger to cool down before charging an additional battery.

Always remove the battery pack and store it safely when the tool is not in use.

CAUTION. If at any point during the charging process none of the LEDs are lit, remove the battery pack from the charger to avoid damaging the product. DO NOT insert another battery.

CHARGING A HOT BATTERY PACK

When using a tool continuously, the battery pack will become hot. A hot battery pack should be left to cool before attempting to recharge.

When a hot battery pack is connected to a charger the charger may indicate the battery pack is not ready to charge. When the battery pack cools, the charger will automatically begin charging.

CHARGING A COOL BATTERY PACK

If the battery is below 0°C, a red LED will begin flashing and the green LED will be off. When the battery warms to a temperature of more than 0°C, the charger will automatically begin charge mode.

Maintenance

WARNING. Always unplug the charger from the plug socket before carrying out any maintenance.

Service, testing and repairs should only be carried out by authorised service centres.

Clean the device with a dry cloth, use a brush for areas that are hard to reach. Never immerse the device in water or any other liquid.

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

WARNING. Do not at any time let brake fluids, gasoline, petroleum based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

STORAGE

When storing the device, it should first be cleaned in accordance with this user manual. The device should be stored in its original packaging.

Always store the device in a dry and well-ventilated room and beyond the reach of children.

Protect the device against vibrations and shocks during transport.

Service

Now that you have purchased your tool, should a need ever exist of repair or service, simply contact your nearest RIKA Authorised Service Centre or other qualified service organisation. Be sure to provide all pertinent facts when you call or visit.

Environmental Protection

Information for (private householders) for the environmentally responsible disposal of Waste Electrical and Electronic Equipment (WEEE)

This symbol on products and or accompanying documents indicates that used and end of life electrical and electronic equipment should not be disposed of in household waste. For the proper disposal, treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your retailer upon the purchase of an equivalent new product. Disposing of this product correctly will help to save valuable resources and prevent any potential adverse effects on human health and the environment which could otherwise arise from inappropriate waste disposal and handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste in accordance with national legislation.

FOR BUSINESS USERS IN THE EUROPEAN UNION.
If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union.
This Symbol is only valid in the European Union.
If you wish to dispose of this product, please contact your local authorities or dealer and ask for the correct method of disposal.

EC Declaration of Conformity

1. **Product model:** RK40FC4

2. **Name and address of the manufacturer or his authorised representative:**

RIKA

SGS Engineering (UK) Ltd
Unit 1 West Side Park, Raynesway,
Derby, DE21 7AZ

3. **This declaration of conformity is issued under the sole responsibility of the manufacturer.**

4. **Object of the declaration:**

   Equipment: 4.0A Fast Battery Charger
   Brand name: RIKA
   Model/type: RK40FC4

5. **The object of the declaration described above is in conformity with the relevant statutory requirements:**

Electrical Equipment (Safety) Regulations 2016
Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

6. **References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared:**

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

7. **The person authorised to compile the technical file:**

   Name: Neil Sansom
   Address: SGS Engineering (UK) Ltd, Unit 1 West Side Park, Raynesway, Derby, DE21 7AZ

   Signed for and on behalf of:

   Authorised Representative

Neil Sansom, CEO
Date: 11/03/2026

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