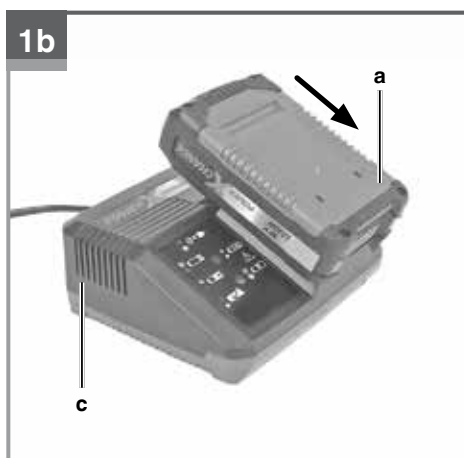
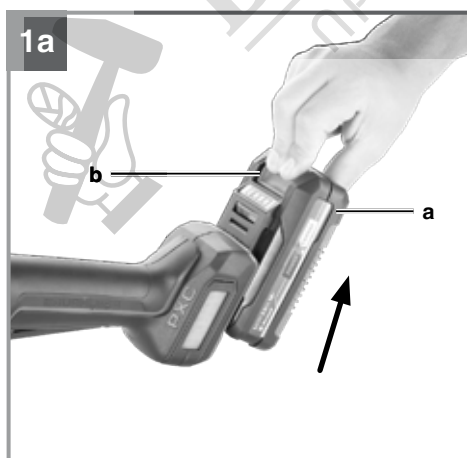
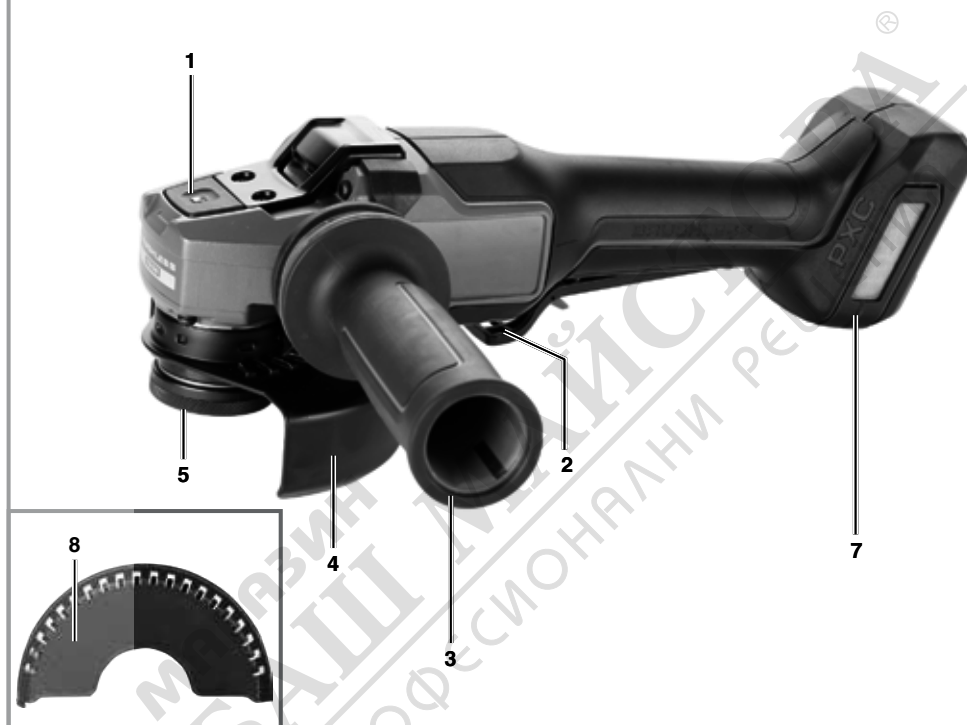
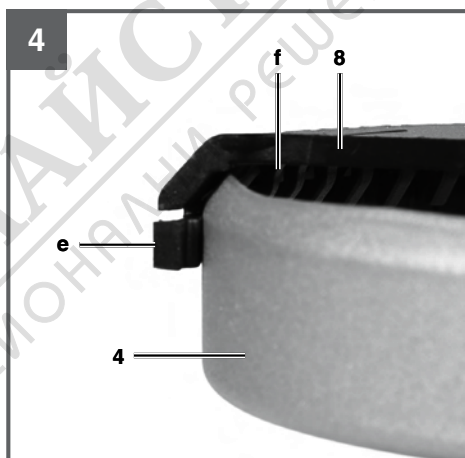
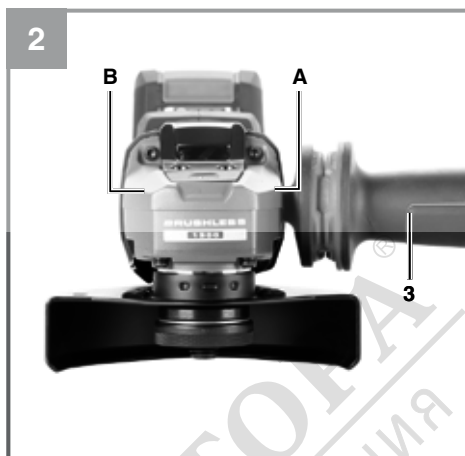


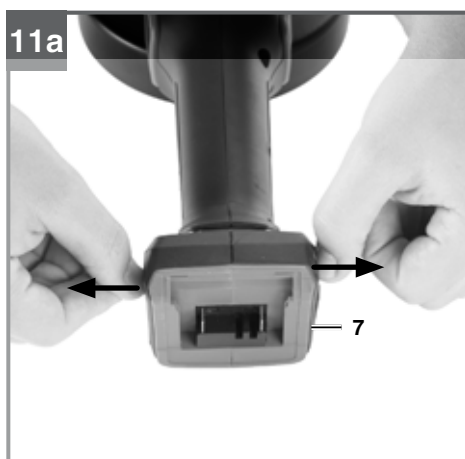
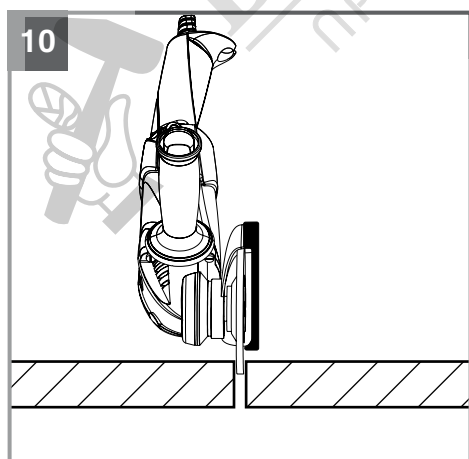
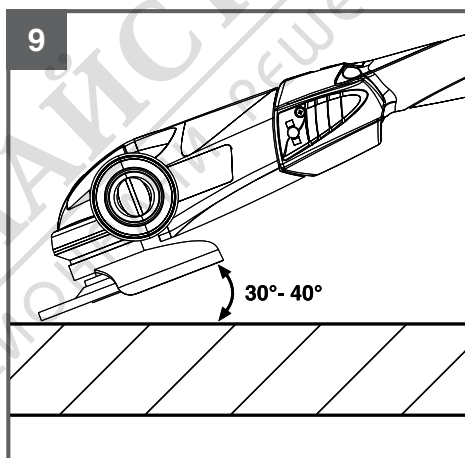
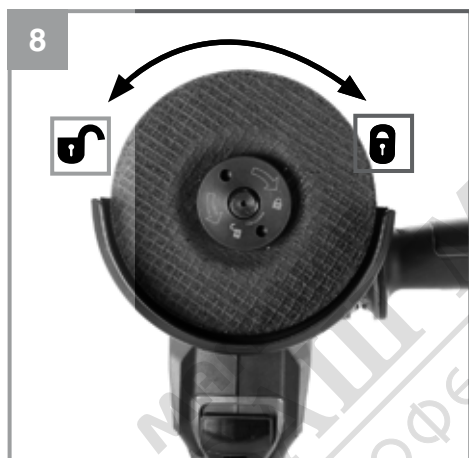
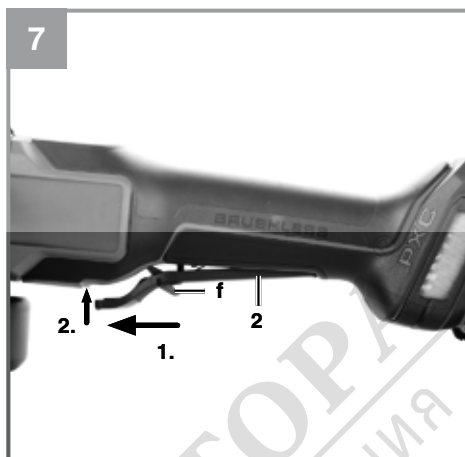
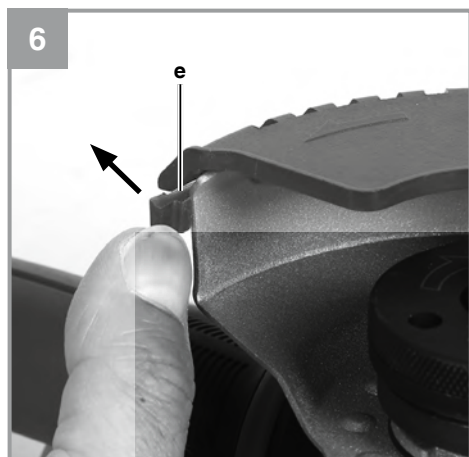
DE	Originalbetriebsanleitung Akku-Winkelschleifer	RO	Instrucțiuni de utilizare originale Polizor unghiular cu acumulator
EN	Original operating instructions Cordless Angle Grinder	EL	Πρωτότυπες Οδηγίες χρήσης Γωνιακό τριβείο μπαταρίας
FR	Instructions d'origine Meuleuse d'angle sans fil	PT	Manual de instruções original Rebarbadora sem fio
IT	Istruzioni per l'uso originali Smerigliatrice angolare a batteria	HR/ BS	Originalne upute za uporabu Akumulatorska kutna brusilica
DA/ NO	Original betjeningsvejledning Akku-vinkelsliber	SR	Originalna uputstva za upotrebu Akumulatorska ugaona brusilica
SV	Original-bruksanvisning Batteridrivnen vinkelslip	PL	Instrukcja oryginalną Akumulatorowa szlifierka kątowna
CS	Originální návod k obsluze Akumulátorová úhlová bruska	TR	Orijinal Kullanma Talimatı Akülü avuç taşlama
SK	Originálny návod na obsluhu Akumulátorová uhlová brúska	ET	Originaalkasutusjuhend Aku-nurklihvija
NL	Originele handleiding Haakse accu-slijper	RU	Оригинальное руководство по эксплуатации Угловая шлифовальная машинка с аккумулятором
ES	Manual de instrucciones original Amoladora angular de batería	LV	Orīginālā lietošanas instrukcija Leņķa slīpmašīna ar akumulatoru
FI	Alkuperäiskäyttöohje Akkukäyttöinen kulmahiomakone	LT	Originali naudojimo instrukcija Akumuliatorinis kampinis šlifuoKLis
SL	Originalna navodila za uporabo Akumulatorski kotni brusilnik	UK	Оригінальна інструкція з експлуатації Акумуляторна кутова шліфмашина
HU	Eredeti használati utasítás Akkus-sarokcsiszoló		



1







Danger!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

Explanation of the symbols used (see Fig. 13)

1. **Danger!** - Read the operating instructions to reduce the risk of injury.
2. **Caution! Wear ear-muffs.** The impact of noise can cause damage to hearing.
3. **Caution! Wear a breathing mask.** Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!
4. **Caution! Wear safety goggles.** Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.
5. This safety guard is suitable for grinding/sanding.
6. This safety guard is suitable for cutting and grinding/sanding.
7. Always use both hands when working.

1. Safety regulations

The corresponding safety information can be found in the enclosed booklet.

WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

2. Layout and items supplied**2.1 Layout (Fig. 1)**

1. Spindle lock
2. On/Off switch
3. Additional handle

4. Guard
5. Quick-clamp nut
6. Battery charge level indicator
7. Removable dust guard
8. Cutting wheel guard
9. Release lever

2.2 Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- Angle grinder
- Additional handle
- Quick-clamp nut
- Original Operating Instructions
- Safety Information

3. Proper use

The angle grinder is designed for the grinding of metal and masonry using the appropriate grinding wheel and the appropriate guard.

Warning! The angle grinder is to be used for cutting metal and masonry only when the guard is fitted.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

4. Technical data

Motor power supply:..... 18 V DC
 Rated speed: 10,000 rpm
 Max. wheel diameter:..... 125 mm
 Grinding wheel:..... 125 x 22 x 6 mm
 Cutting wheel:..... 125 x 22 x 3 mm
 Mounting spindle thread:..... M14
 Weight:.....2,05 kg

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 62841.

L_{pA} sound pressure level 80,50 dB(A)
 K_{pA} uncertainty 3 dB
 L_{WA} sound power level 88,50 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 62841.

Handle

Vibration emission level $a_{hAG} = 11,20 \text{ m/s}^2$
 Uncertainty $K = 1.5 \text{ m/s}^2$

Additional handle

Vibration emission level $a_{hAG} = 7,962 \text{ m/s}^2$
 Uncertainty $K = 1.5 \text{ m/s}^2$

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools. The specified vibration value can be used for initial assessment of a harmful effect.

Warning:

The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

Limit the operating time!

All stages of the operating cycle must be considered (for example, times in which the electric tools are switched off and times in which the tool is switched on but operates without load).

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.

Caution!

Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

5. Before starting the equipment

Warning!

Always remove the battery pack before making adjustments to the equipment.

5.1 Fitting the additional handle (Fig. 2)

- The angle grinder must not be used without the additional handle (3).
- The additional handle can be secured in any of two positions (A, B).

Tool side	Suitable for
Left (position A / as shown)	Right-handed users
Right (position B)	Left-handed users

5.2 Adjusting the guard (Fig. 3)

- To protect your hands, adjust the guard (4) so that the material to be ground is directed away from your body.
 - The position of the guard (4) can be adjusted to the specific working conditions as follows:
1. Press and hold the release lever (9) to disengage the locking notch (h) from the ribs on the guard (4)
 2. Rotate the guard (4) to the desired position and release the lever (9)
 3. Ensure that the locking notch (h) fully engages again with one of the ribs on the guard (4)
- Ensure that the guard (4) is securely in place.
 - The guard (4) cannot be removed from the tool.

5.3 Fitting/removing the cutting wheel guard (Fig. 4-6 / Item 8)

- The angle grinder is equipped with a removable cutting wheel guard (8).
- The guard (4) does not need to be removed in order to fit the cutting wheel guard.
- Beginning from the end with the lug (Fig. 4/ Item e), push the removable cutting wheel guard (8) onto the guard.
- Make sure when doing so that the guard (4) lies between the guide ribs (f) of the removable cutting wheel guard (Fig. 4).
- Then push the removable cutting wheel guard counter-clockwise onto the guard until you hear this guard latch in place (Fig. 5a-5c).
- To take off the removable cutting wheel guard (8) again, press the lug (e) slightly away from the guard (4) as shown in Fig. 6 until you can rotate the removable cutting wheel guard (8). Now turn the cutting wheel guard clockwise and off the guard (4).

6. Operation

6.1 Charging the Li battery pack (Fig. 1a-1b)

1. Remove the battery pack (a) from the handle, pressing the pushlock button (b) downwards as you do so.
2. Check that your mains voltage is the same as that marked on the rating plate. Insert the power plug of the charger (c) into the socket outlet. The green LED will then begin to flash.
3. Push the battery onto the battery charger.

In the section entitled „Charger indicator“ you will find a table with an explanation of the LED display on the charger.

If the battery pack fails to charge, check for the following:

- Is there voltage at the power socket?
- Is there good contact at the charger's charging contacts?

If the battery pack still fails to charge, please send

- the charger and charging adapter
- and the battery pack

to our customer service centre.

To ensure that items are properly packaged and delivered when you send them to us, please contact our customer service or the point of sale at which the equipment was purchased.

When shipping or disposing of batteries and cordless tools, always ensure that they are packed individually in plastic bags to prevent short circuits and fires.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the performance of the device drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

6.2 Switching On/Off (Fig. 7)

Switching on:

To switch the equipment on, push the release lever (f) forwards and press the On/Off switch (2) down.

Switching off:

Release the On/Off switch (2).

Important!

The equipment will switch to „Standby Mode“ after 10 minutes of non-use.

To reactivate: Switch on the equipment twice or press the battery charge level indicator.

„Standby Mode“ protects the battery.

Important!

Following a stoppage (due to overloading), the cordless equipment will start up again automatically.

Important!

Wait until the tool has reached its top speed. You can then position the angle grinder on the work-piece and machine it.

6.3 Battery capacity indicator (Fig. 1c/6)

Press the button for the battery capacity indicator (d). The battery capacity indicator (6) shows the charge status of the battery using 3 LEDs.

All 3 LEDs are lit:

The battery is fully charged.

2 or 1 LED(s) are lit:

The battery has an adequate remaining charge.

1 LED flashes:

The battery is empty, recharge the battery.

All LEDs blink:

The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

6.4 Changing the grinding wheels (Fig. 8)

- The wheel is easy to change using the spindle lock and quick-clamp nut.
- Press the spindle lock and allow the grinding wheel to engage.
- Undo the quick-clamp nut by turning it counterclockwise by hand (see Fig. 8).
- Change the grinding wheel or cutting wheel and tighten the quick-clamp nut by turning it clockwise by hand.

Warning!

For safety reasons the quick-clamp nut (5) may only be used for this angle grinder.

Important!

Press the spindle lock only when the motor and grinding spindle are at a standstill! The spindle lock must be kept pressed while the wheel is being changed!

6.5 Trial run for new grinding wheels

Have the angle grinder run in idle mode for at least 1 minute with the grinding or cutting wheel fitted. Replace vibrating wheels immediately.

6.6 Grinding wheels

- The grinding or cutting wheel must never be bigger than the stipulated diameter.
- Check the specified rotating speed of the grinding or cutting wheel before use.
- The maximum speed of the grinding or cutting wheel used must be higher than the idle speed of the angle grinder.
- Only use grinding or cutting wheels which are approved for a minimum rotating speed of 10,000 rpm and for a circumferential speed of 69 m/s.
- Check the direction of rotation when you use diamond cutting wheels. The directional arrow on the diamond cutting wheel must point in the direction in which the tool rotates.

Take special care to ensure that the grinding wheels are properly stored and transported. Ensure that the grinding wheels are never exposed to shock, jolts or sharp edges (for example during transport or storage in a toolbox). This could cause damage (such as cracks) to the grinding wheels and place the user in serious danger.

Warning!**6.7 Practical tips****6.7.1 Roughing work (Fig. 9)****Important! Use the guard for grinding.**

For the best results when doing roughing work, apply the grinding wheel at an angle of 30° to 40° to the grinding plane and move it back and forth evenly over the workpiece.

6.7.2 Abrasive cutting (Fig. 10)**Important! Use the guard (see 5.3 for assembly) when cutting.**

Do not tilt the angle grinder in the cutting plane when performing cutting work. The cutting wheel must have a clean cutting edge.

To cut hard masonry, it is best to use a diamond cutting wheel.

Warning!

It is prohibited to use this equipment on materials containing asbestos!

Warning!

Never use cutting wheels for roughing work.

6.8 Motor

The motor must be provided with good ventilation during operation, which means that the air vents must be kept clean at all times.

6.9 Removable dust guard (Fig. 11-13/Item 7)

The cordless angle grinder is equipped with a removable dust guard in order to protect the motor from excessive dust load. For cleaning purposes, take off the removable dust guard (7) as shown in Fig. 11a/11b, clean it with compressed air, and refit it on the tool as shown in Fig. 12.

7. Cleaning, maintenance and ordering of spare parts

Danger!

Always pull out the battery before starting any cleaning work.

7.1 Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

7.2 Maintenance

There are no parts inside the equipment which require additional maintenance.

7.3 Ordering replacement parts:

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

For our latest prices and information please go to www.Einhell-Service.com

8. Disposal and recycling

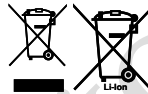
The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in

your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

9. Storage

Store the equipment and accessories in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

Disposal



Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

Only for EU countries:

According to the Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, power tools that are no longer usable, and, according to the Directive 2006/66/EC, defective or drained batteries must be collected separately and disposed of in an environmentally correct manner.

If disposed incorrectly, waste electrical and electronic equipment may have harmful effects on the environment and human health, due to the potential presence of hazardous substances.

Only for United Kingdom:

According to The Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) and the Waste Batteries and Accumulators Regulations 2009 (SI 2009/890) (as amended), products that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

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Subject to technical changes

10. Charger indicator

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger
On	Off	Charging The charger is charging the battery pack in quick charge mode. The charging times are shown directly on the charger. Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.
Off	On	The battery is charged and ready for use. (READY TO GO) The unit then changes over to gentle charging mode until the battery is fully charged. To do this, leave the rechargeable battery on the charger for approx. 15 minutes longer. Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.
Flashing	Off	Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more time. The reasons can be: - The rechargeable battery has not been used for a very long time. - The battery temperature is outside the ideal range. Action: Wait for the charging to be completed; you can still continue to charge the battery pack.
Flashing	Flashing	Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.
On	On	Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .

Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.



Category	Example
Wear parts*	Carbon brushes, Battery
Consumables*	Cutting wheels, grinding wheels
Missing parts	

* Not necessarily included in the scope of delivery!

In the event of defects or faults, please register the problem on the internet at www.Einhell-Service.com. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

