



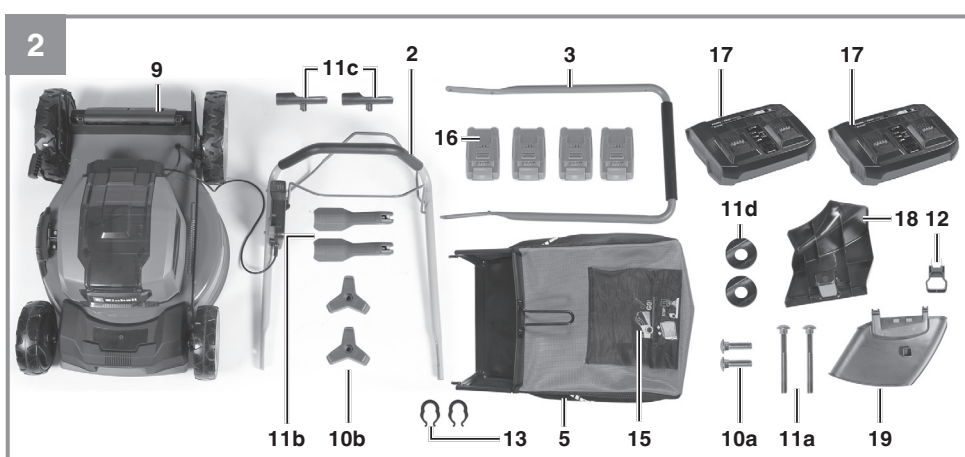
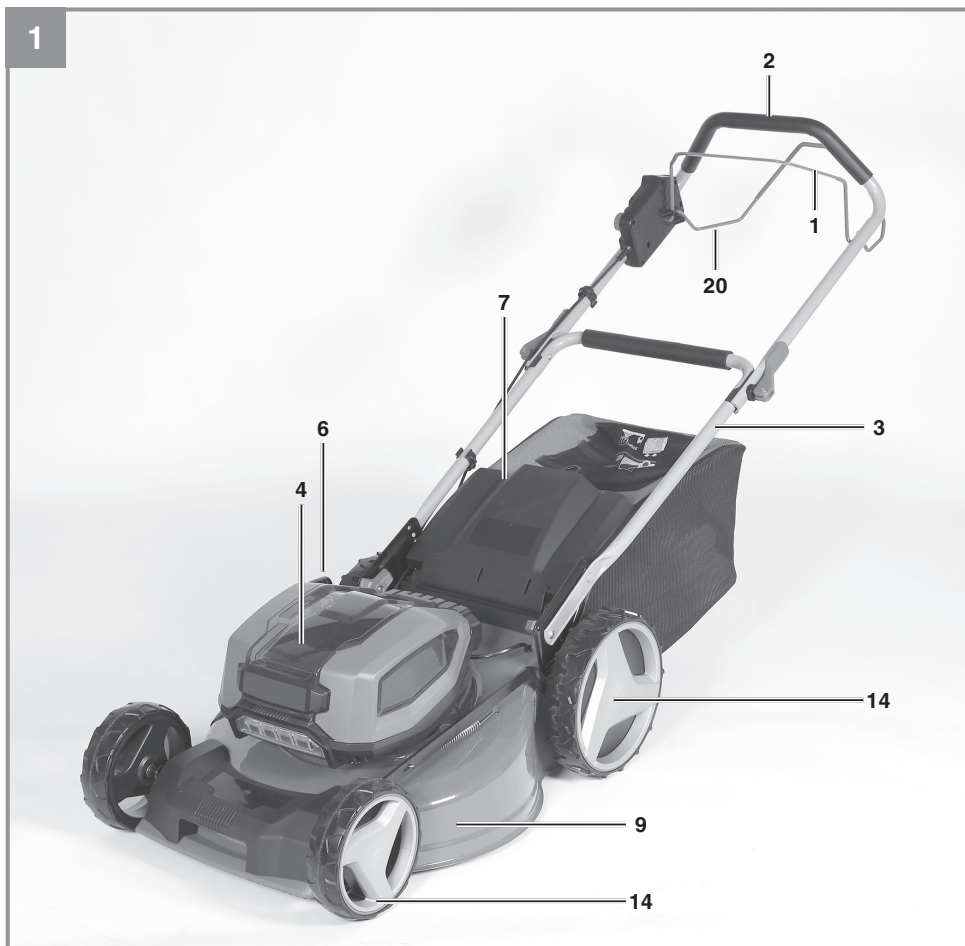
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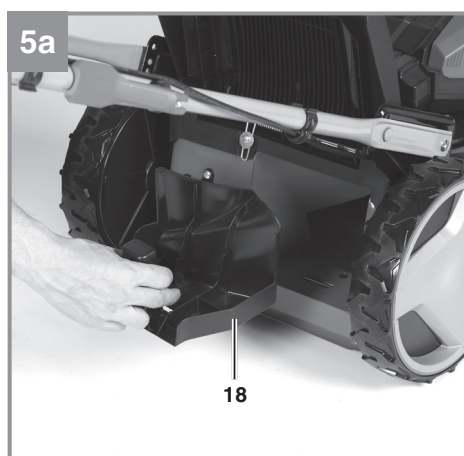
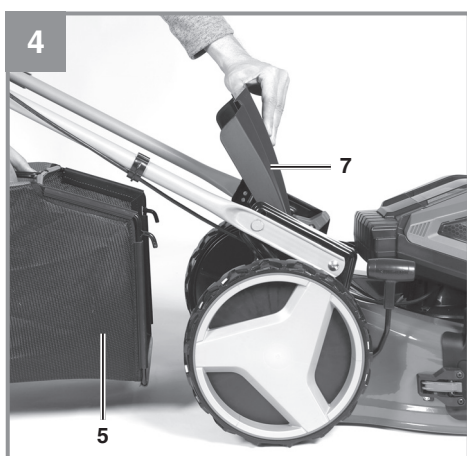
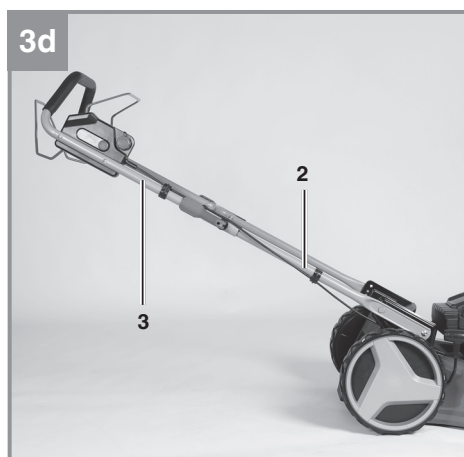
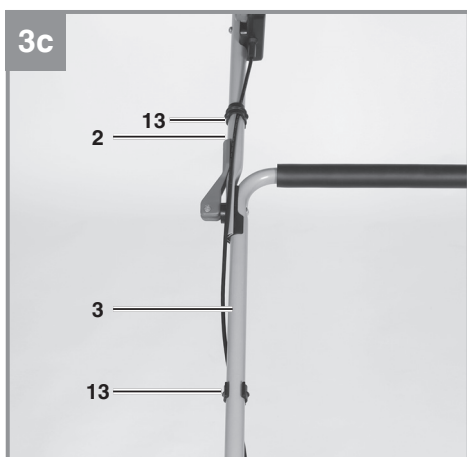
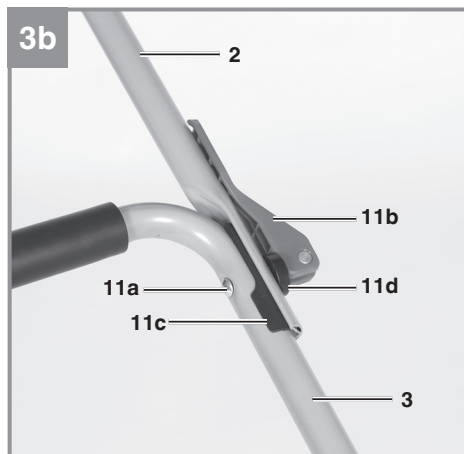
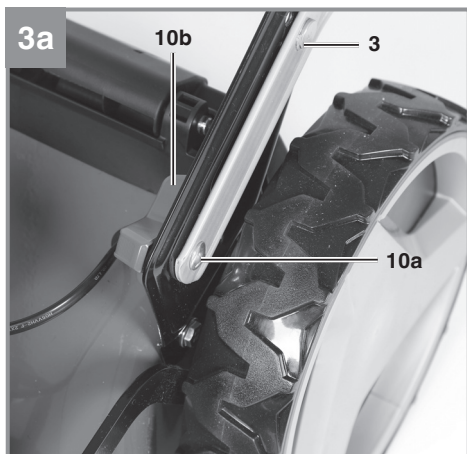
- D** Originalbetriebsanleitung
Akku-Rasenmäher
- GB** Original operating instructions
Cordless lawn mower
- CZ** Originální návod k obsluze
Akumulátorová sekačka
- SLO** Originalna navodila za uporabo
Akumulatorska kosilnica za travo
- RO** Instrucțiuni de utilizare originale
Mașină de tuns gazonul
cu acumulator
- GR** Πρωτότυπες Οδηγίες χρήσης
Χλοοκοπτικό με μπαταρία
- TR** Orijinal Kullanma Talimatı
Akülü çim biçme makinesi
- EE** Originaalkasutusjuhend
Akuga muruniiduk
- BG** Оригинално упътване за
употреба
Акумулаторна градинска
косачка

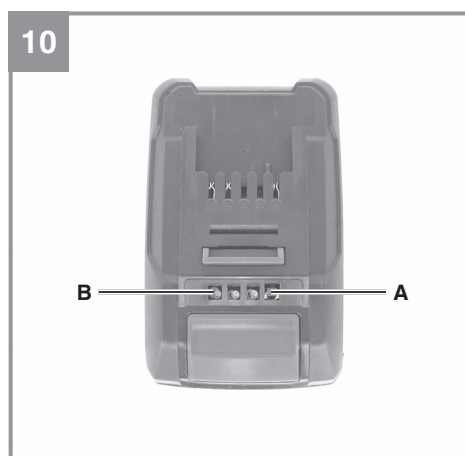
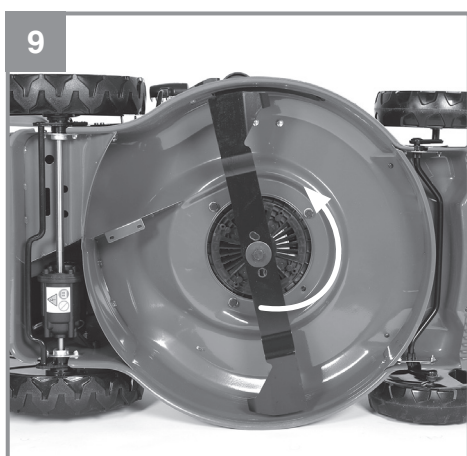
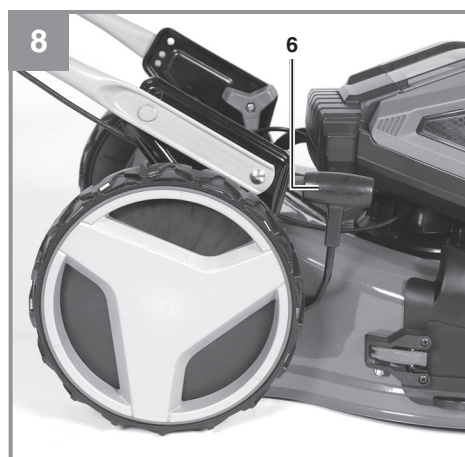
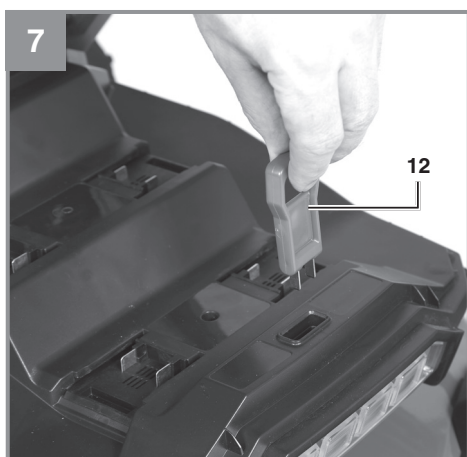
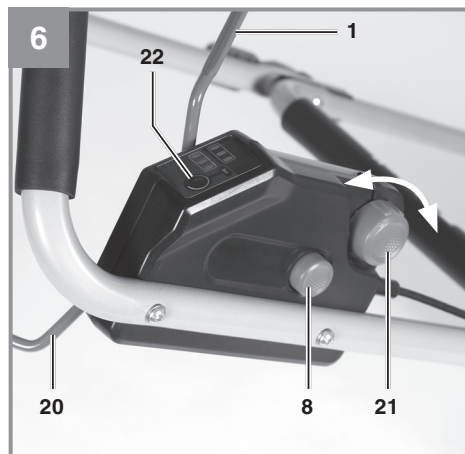
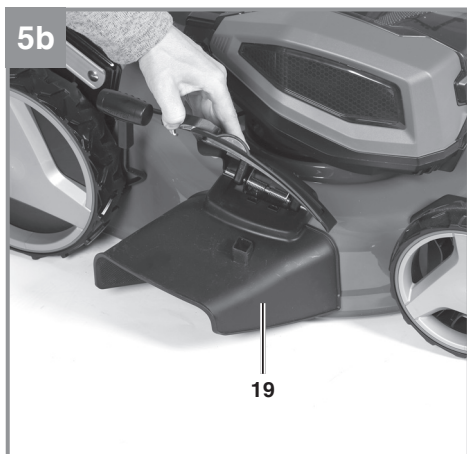


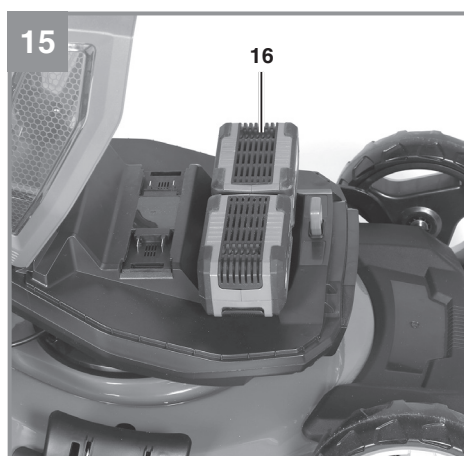
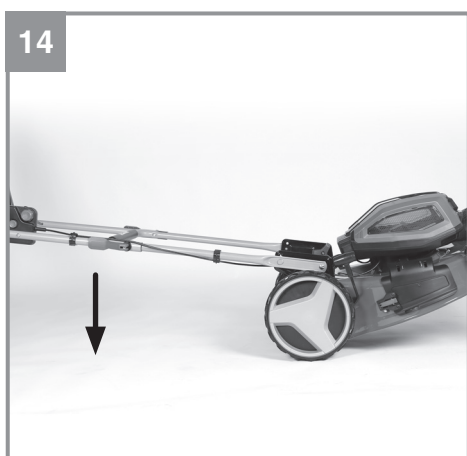
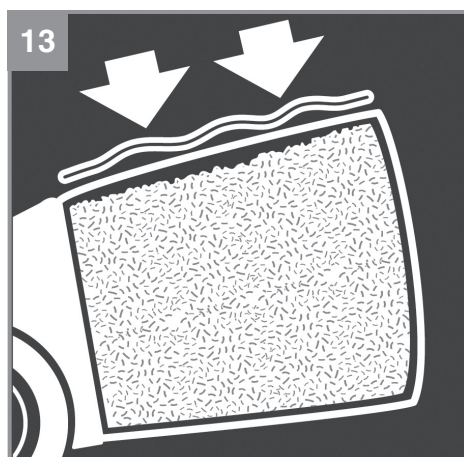
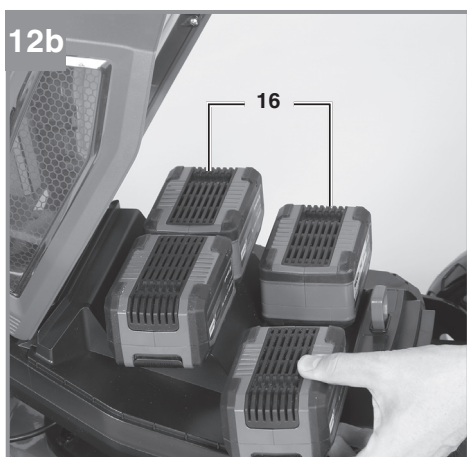
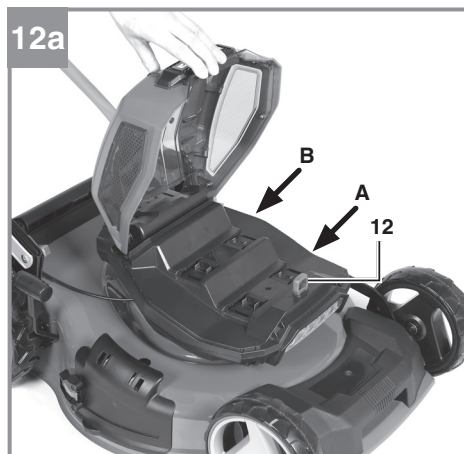
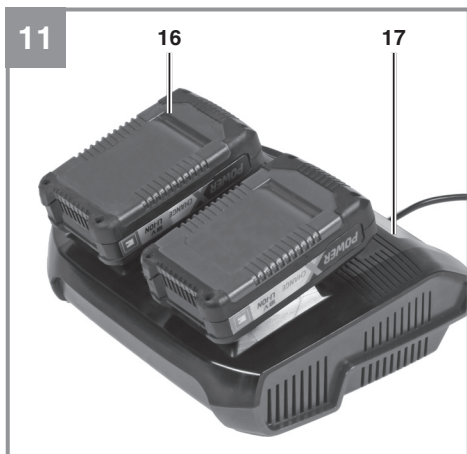
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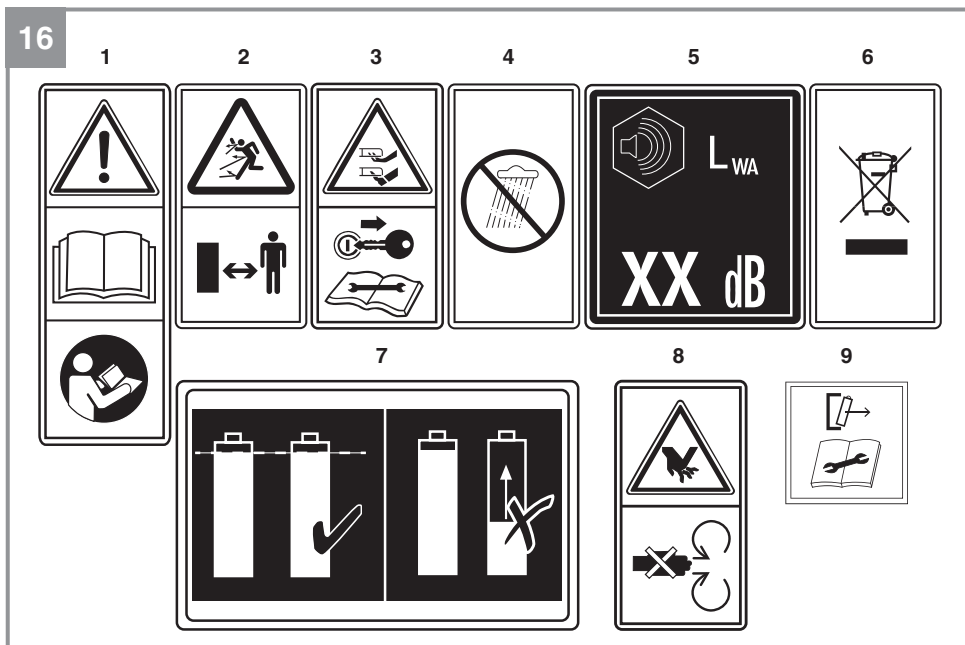
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Danger!

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 warning signs on the equipment (see Fig. 16)

1. „Warning - Read the operating instructions to reduce the risk of injury“
2. Keep your distance!
3. Caution! - Sharp blades - Pull out the safety plug before carrying out any maintenance work.
The blades will continue to rotate after the motor is switched off!
4. Protect the equipment from the damp and never expose it to rain.
5. Guaranteed sound power level
6. Dispose of batteries correctly!
7. Use batteries which are charged to the same level.
8. Risk of cut injuries. Caution: rotating cutters.
9. Pull out the safety plug and remove all the battery packs before starting any cleaning work.

1. Safety regulations

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

Warning!

Read all the safety information, instructions, illustrations and technical data provided on or with this power tool. Failure to adhere to the following instructions may result in electric shock, fire and/or serious injury.

Keep all the safety information and instructions in a safe place for future use.

Children are not allowed to use this equipment. Children are not allowed to carry out cleaning or maintenance. This equipment can be used by people with limited physical, sensory or mental capacities or those with no experience and knowledge if they are supervised or have received

instruction in how to use the equipment safely and understand the dangers which result from such use. Children are not allowed to play with the equipment.

2. Layout and items supplied**2.1 Layout (Fig. 1-15)**

1. Switching bar
2. Top push bar
3. Push bar holder
4. Battery covering hood
5. Grass catch basket
6. Lever for cutting height adjustment
7. Ejector flap
8. Safety lock-off
9. Steel mowing deck
- 10a. Short screw (2x)
- 10b. Handle screw (2x)
- 11a. Long screw (2x)
- 11b. Clamping lever (2x)
- 11c. Adapter (2x)
- 11d. Washer (2x)
12. Safety plug
13. Cable clip (2x)
14. Wheel cap
15. Filling level indicator
16. Battery (4x)
17. Battery charger (2x)
18. Mulching adapter
19. Side ejector adapter
20. Drive lever (clutch lever)
21. Speed adjuster lever
22. Eco switch / Battery indicator

2.2 Items supplied and unpacking (Fig. 2)

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!

- Original operating instructions
- Safety instructions

3. Proper use

The lawn mower is designed for the maintenance of grass or lawns.

Caution! Due to the high risk of bodily injury to the user, the lawn mower may not be used to trim bushes, hedges or shrubs, to cut scaling vegetation, planted roofs, or balcony-grown grass, to clean (suck up) dirt and debris off walkways, or to chop up tree or hedge clippings. Moreover, the lawn mower may not be used as a power cultivator to level out high areas such as molehills.

For safety reasons, the lawn mower may not be used as a drive unit for other work tools or toolkits of any kind, unless they have been expressly permitted by the manufacturer.

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

GP-CM 36/47 S Li BL

Motor speed:3000 min⁻¹
 Weight:28 kg
 Cutting width:47 cm
 Grass basket volume:65 liters
 Sound pressure level L_{pA} :79.8 dB(A)
 Uncertainty K_{pA} :3 dB(A)
 Sound power level L_{WA} :92.86 dB(A)
 Uncertainty K_{WA} :2.34 dB(A)
 Guaranteed sound power level L_{WA} :96 dB(A)
 Vibration at the handlebars a_h :1.615 m/s²
 Uncertainty K:1.5 m/s²

Cutting height adjustment:9-step
25-80 mm
 Protection type:IPX4

GP-CM 36/52 S Li BL

Motor speed:3000 min⁻¹
 Weight:27,5 kg
 Cutting width:52 cm
 Grass basket volume:65 liters
 Sound pressure level L_{pA} :83.4 dB(A)
 Uncertainty K_{pA} :3 dB(A)
 Sound power level L_{WA} :96.06 dB(A)
 Uncertainty K_{WA} :0.93 dB(A)
 Guaranteed sound power level L_{WA} :98 dB(A)
 Vibration at the handlebars a_h :2.224 m/s²
 Uncertainty K:1.5 m/s²
 Cutting height adjustment:9-step
25-80 mm
 Protection type:IPX4

4 x Power X-Change battery

Voltage:18 V d.c.
 Capacity **GP-CM 36/47 S Li BL**:4.0 Ah
 Capacity **GP-CM 36/52 S Li BL**:5.2 Ah
 Number of cells:10

2 x Power-X Twincharger

Input voltage:220-240 V~ 50-60 Hz
 Output voltage:18 V d.c.
 Output current:3.0 A
 Protection class:II / 

Important!

The equipment and the charger are allowed to be used only for the lithium-ion batteries of the Power X-Change series!

Danger!

Sound and vibration

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

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.

The stated vibration emission levels and stated noise emission values were measured in ac-

cordance with a set of standardized criteria and can be used to compare one power tool with another.

The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

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.
- Wear protective gloves.

Residual risks

Even if you use this electric power tool in accordance with the instructions, certain residual risks cannot be eliminated. 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 applied.

Warning!

This equipment generates an electromagnetic field during operation. Under certain circumstances this field may actively or passively impede medical implants. To reduce the risk of serious or fatal injuries, we recommend persons with medical implants to consult their doctor and the manufacturer of the medical implant prior to using the equipment.

5. Before using the equipment

The lawn mower is delivered partly assembled. The push bar and the grass basket must be assembled before using the lawn mower. Follow the instructions step by step and refer to the pictures when assembling.

Fitting the push bar

Fit the top push bar (2) and the push bar holder (3) as shown in Fig. 3a-3d.

The push bar can be adjusted to 3 different settings.

Warning!

Always set the identical handle height on both sides.

Fitting the grass basket (see Fig. 4)

Before you fit the grass basket you must ensure that the motor is switched off and the blade is not rotating. Also pull out the safety plug (12) and remove all the power batteries (16). Lift the ejector flap (Fig. 4/Item 7) with one hand. With the other hand, hold the grass basket by the handle and hook it in from above.

Filling level indicator of the grass collector (fig. 13)

The grass collector is equipped with a filling level indicator (Fig. 2/Item 15), which is lifted by the airflow that the lawn mower generates during operation. If this drops down onto the grass catch basket during mowing, this means that the grass collector is full and needs emptying.

Adjusting the cutting height

Caution!

Adjust the cutting height only when the machine has been switched off, the safety plug (12) has been pulled out and the batteries (16) removed.

Before you begin to mow, check to ensure that the blade is not blunt and that none of the fasteners are damaged. To prevent any imbalance, replace blunt and/or damaged blades. To carry out this check, first switch off the motor and pull out the safety plug.

The cutting height is adjusted as follows (see Fig. 8):

1. Push the lever (6) outwards.
2. Set the lever (6) to the desired cutting height.
3. Release the lever (6) and check that it is se-

curely seated in the lock.

Using the mulching adapter (Fig. 5a)

In mulching mode the cuttings are shredded in the enclosed mower housing and then spread back onto the lawn. It is not necessary to gather and dispose of the grass.

Important! Mulching is only possible if the lawn is relatively short.

Warning!

Insert the mulching blade only when the machine has been switched off, the safety plug (12) has been pulled out and the batteries (16) removed.

To use the mulching function, disconnect the catch bag, slide the mulching adaptor (Fig. 5a/ Item 18) through the ejector opening and close the ejector flap again.

Side ejector (Fig. 5b)

You must fit the mulching adapter (18) in order to use the side ejector. Hook in the side ejector adaptor (19) as shown in Fig. 5b.

Charging the battery (Fig. 10-12)

1. Take the battery pack out of the equipment. Do this by pressing the pushlock button.
2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger (17) into the socket outlet. The green LED will then begin to flash.
3. Insert the battery pack (16) into the battery charger (17).
4. In the section entitled „Charger indicator“ you will find a table with an explanation of the LED indicator on the charger.

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

If the battery pack fails to charge, check:

- whether there is voltage at the socket outlet
- whether there is good contact at the charging contacts.

If the battery pack still fails to charge, send

- the charging unit
 - and the battery pack
- to our customer service center.

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.

Fitting the battery (Fig. 12a/12b)

Open the battery covering hoods (Item 4). Then insert the batteries in the mounts as shown.

For optimum mowing results and battery power performance it is always best to use batteries with the same capacity.

It is also possible to use batteries with different capacities in the battery mounts A and B (Fig. 12a).

Always make sure, however, that you use only batteries of the same capacity in each separate battery bank (Fig. 15).

For example, you could use two 4.0 Ah batteries in one battery bank while using two 5.2 Ah batteries in the opposite battery bank.

Important!

Use only batteries which are charged to the same level. Never combine full and half-full batteries. Always charge the two/all batteries simultaneously. The equipment's operating time depends on the battery with the lower charge level. The two/all batteries must always be fully charged before use. Close the battery cover by swinging it down, and make sure that it latches in place correctly.

Battery capacity indicator (Fig. 10)

Press the button for the battery capacity indicator (Fig. 10/Item A). The battery capacity indicator (Fig. 10/Item B) shows the charge status of the battery using 3 LEDs.

The charge level can also be read from the indicator (Fig. 6 / Item 22) on the upper long handle. The indicator does not work in the case of batteries with switching function (e.g. 4-6 Ah).

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.

Caution!

Do not park the lawn mower in the sun. Batteries which have been inserted could heat up to inadmissible levels.

6. Operation

Caution!

The lawn mower is equipped with a safety switch to prevent unauthorized use. Directly before starting up the lawn mower insert the safety plug (Fig. 7) and remove the safety plug again when interrupting or terminating your work.

Important!

For safety reasons, it is not possible to start the cordless lawn mower if the pitch angle is over $\sim 70^\circ \pm 10^\circ$.

Caution!

To prevent the equipment switching on accidentally, the lawn mower is equipped with a safety switch (Fig. 6/Item 8) which must be pressed before the switching bar (Fig. 6/Item 1) can be activated. The lawn mower switches itself off when the switching bar is released. The start time can amount to several seconds (To make it easier to start, tilt the lawn mower slightly at the back (Fig. 14)). Repeat this process several times so that you are sure that the machine functions properly. Before you perform any repair or maintenance work on the equipment, ensure that the blade is not rotating, that the safety plug (12) is disconnected and that the batteries (16) have been removed.

Warning! Never open the chute flap when the grass bag has been detached (to be emptied) and the engine is still running. A rotating blade can cause serious injuries!

Always carefully fasten the chute flap and grass basket. Before you remove them, switch off the motor and pull out the safety plug (12) first.

Drive unit

If you press the drive lever/clutch lever (Fig. 6/Item 20) the clutch for the drive will be closed and the lawnmower will start to move with the engine running. Release the drive lever in good time to stop the moving lawnmower. Practice starting and stopping before you use the mower for the first time until you are familiar with controlling the mower.

Setting the speed (Vario Speed)

The driving speed of the lawnmower can be adjusted to various settings. To do so, turn the adjuster lever (Fig. 6 / Item 21) until the desired speed is reached.

Important! The drive only operates if the motor is switched on. You therefore have to start the motor each time first and wait at least until the rated speed of the motor has been reached before pressing the drive lever/clutch lever (20). It is recommended to adjust the driving speed to the length of the grass you want to cut. The longer the grass, the slower the speed you should select.

Always ensure that a safe distance (provided by the length of the long handles) is maintained between the user and the mower housing. Be especially careful when mowing and changing direction on slopes and inclines. Maintain a solid footing and wear sturdy, non-slip footwear and long trousers.

Always mow along the incline (not up and down). For safety reasons, the lawn mower may not be used to mow inclines whose gradient exceeds 15 degrees.

Use special caution when backing up and pulling the lawn mower. Tripping hazard!

Tips for proper mowing

It is recommended that you overlap the mowing swaths.

Only use a sharp blade that is in good condition. This will prevent the grass blades from fraying and the lawn from turning yellow.

Try to mow in straight lines for a nice, clean look. The swaths should overlap each other by a few centimeters in order to avoid stripes.

How frequently you should mow your lawn is determined primarily by the speed at which the grass grows. In the main growing season (May - June) you will probably need to mow the lawn twice a week, otherwise just once a week. The cutting height should be between 4 - 6 cm and the amount of growth before mowing again should be 4 - 5 cm. Normal grass which has grown to a height of up to 8cm can be mown to the desired height in one go without any problems. If the grass is allowed to grow somewhat longer for whatever reason, do not make the mistake of cutting it back to the normal height in one go. This will harm the lawn. For grass which has grown to over 10 cm in height we therefore recommend that you mow it with the highest cutting height setting first.

Important!

The cutting height setting has an influence on the maximum area that can be mown.

Keep the underside of the mower housing clean and remove grass build-up. Deposits not only make it more difficult to start the mower; they decrease the quality of the cut and make it harder for the equipment to bag the grass. Always mow along inclines (not up and down). You can prevent the lawn mower from slipping down by holding a position at an angle upwards. Select the cutting height according to the length of the grass. Make several passes so that no more than 4cm of grass are cut at one time.

Switch off the motor, pull the safety plug (12) and remove the batteries (16) before doing any checks on the blade. Keep in mind that the blade continues to rotate for a few seconds after the motor has been switched off. Never attempt to manually stop the blade. Regularly check to see if the blade is securely attached, is in good condition and is sharp. If the contrary is the case, sharpen the blade or replace it. In the event that the blade strikes an object, immediately switch off the lawn mower and wait for the blade to come to a complete stop. Then inspect the condition of the blade and the blade mount. Replace any parts that are damaged.

As soon as grass clippings start to trail the lawn mower, it is time to empty the grass basket. Cau-

tion! Before taking off the grass basket, switch off the motor and wait until the blade has come to a stop. Pull out the safety plug (12).

To take off the grass basket, use one hand to lift up the chute flap and the other to grab onto the basket handle. Remove the basket. For safety reasons, the chute flap automatically falls down after removing the grass basket and closes off the rear chute opening. If any grass remains in the opening, it will be easier to restart the engine if you pull the mower back approximately 1m.

Do not use your hands or feet to remove clippings in or on the mower housing, but instead use suitable tools such as a brush or a hand broom.

In order to ensure that the majority of grass clippings are picked up, the inside of the grass basket must be cleaned after each use. Reattach the catch bag only when the motor is switched off, the safety plug has been pulled out and the blade has stopped.

Lift up the chute flap with one hand and, holding the grass basket by its handle with the other hand, hang in the basket from the top.

7. Cleaning, maintenance and ordering of spare parts

Hazard!

Pull out the safety plug and remove all the battery packs (16) before starting any cleaning work (Fig. 7/Item 8).

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 down with compressed air at low pressure.
- Do not clean the lawn mower with running water, particularly with high-pressure water.
- We recommend cleaning the equipment immediately each time after use.
- Clean the equipment regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the equipment. Ensure that no water can get into the interior of the equipment.

7.2 Maintenance

- Worn out or damaged blades, blade mounts, and bolts should be replaced as a set by an authorized professional in order to keep the equipment in balance.
- Ensure that all mounting components (i.e. screws, bolts, nuts etc.) are always tightened so that the equipment can be safely operated at all times.
- Check the grass catch assembly frequently for signs of wear.
- Replace excessively worn or damaged parts immediately.
- In order to ensure that you enjoy the equipment for many years to come, all screwed parts, as well as the wheels and axles, should be cleaned and lubricated.
- Keeping your lawn mower in good condition not only ensures a long lifespan and high performance, but also enables the equipment to thoroughly cut your grass with minimal effort.
- The blade is subjected to more wear and tear than any other component. Therefore, routinely check the condition of the blade and make sure that it is tightly fastened. If the blade is completely worn out, it must be immediately replaced or ground sharp again. An excessively vibrating mower means that the blade is not properly balanced or has become deformed from striking an object. In this case, the blade must be repaired or replaced.
- There are no other parts inside the equipment which require maintenance.

Lamps can be replaced by only replacement parts from the manufacturer. Please contact Einhell Customer Service.

7.3 Replacing the blade

For safety reasons, we recommend having the blade replaced by an authorized professional. Caution! Pull out the safety plug and remove the battery packs (16)! Wear work gloves! Only replace the blade with a genuine Einhell replacement blade, as this will ensure top performance and safety under all conditions.

Carry out the following steps to change the blade:

1. Undo the fastening screw (see Fig. 9).
2. Remove the blade and replace with a new one.
3. When fitting the blade, make sure it is installed in the right direction. The blade's air vanes must project into the motor compartment (see Fig. 9). The dome mounts must be aligned with the punch holes in the blade. (see Fig. 9).

4. Then retighten the fastening screw. The tightening torque should be approx. 25 Nm.

At the end of the season, perform a general inspection of the lawn mower and remove any grass and dirt which may have accumulated. At the start of each season, ensure that you check the condition of the blade. If repairs are necessary, please contact our customer service center. Use only genuine spare parts.

7.4 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. Storage and transport

Take out the battery/batteries.

Storage

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30°C. Store the equipment in its original packaging.

Transport

- Fit transport guards if available.
- For easier transport (or storage), open the clamping lever (Fig. 3b / Item 11b) far enough to allow the push bars to be flipped together at this point. Take care not to damage the cable and the push bar tubes.
- Protect the machine from damage and the strong vibrations that can occur particularly when transporting in vehicles.
- Secure the machine against slipping and tipping over.

9. 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.

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 .

11. Troubleshooting

Fault	Possible Cause	Remedy
Motor does not start	a) Motor terminals disconnected b) Machine standing in high grass c) The mower housing is clogged d) Safety plug is not inserted e) Battery is not correctly inserted	a) Have it checked by a customer service workshop b) Start motor on shorter grass or already mowed area; change cutting height if necessary c) Clean housing so that the blade can run freely d) Insert the safety plug (see 6.) e) Remove the battery and reinsert (see 5.)
The drive motor does not start	a) Motor terminals disconnected b) Machine standing in high grass c) The mower housing is clogged d) Safety plug is not inserted e) Battery is not correctly inserted f) Thermal cut-out switch has tripped	a) Have it checked by a customer service workshop b) Start motor on shorter grass or already mowed area; change cutting height if necessary c) Clean housing so that the blade can run freely d) Insert the safety plug (see 6.) e) Remove the battery and reinsert (see 5.) f) Let the equipment cool down for at least 10 minutes
Motor performance drops	a) Grass too tall or damp b) The mower housing is clogged c) Blade badly worn d) Battery performance decreasing	a) Correct the cutting height b) Clean the housing c) Replace the blade d) Check the battery performance and charge the battery if necessary (see 5.)
Unclean cuts	a) Blade worn b) Wrong cutting height	a) Replace or sharpen the blade b) Correct the cutting depth

Important! In order to secure the engine and the batteries, these are equipped with a thermal switch, which switches off when overloaded and automatically switches on again after a cooling phase!

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*	Battery
Consumables*	Blade
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.

ELECTRICAL SAFETY

⚠ WARNING! When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference.

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.

This appliance is compatible and only to be used with all batteries & chargers from the Power X-Change range. Refer to the Power X-Change battery and charger manuals for information regarding charging, use and storage.

⚠ WARNING! Always remove the battery from the tool:

- when the batteries are to be charged,
- when the tool is left unattended,
- when the tool is being checked, cleaned, or having maintenance work done,
- when the tool is to be stored, or if the tool vibrates abnormally.

Do not combine different types of batteries.

Do not use modified or damaged batteries.

GENERAL POWER TOOL SAFETY

⚠ 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.

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

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- 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.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- 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.
- 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.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4) Power tool use and care

- 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.
- 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 remove the battery pack, if detachable, 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 and accessories. 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.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

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.
- e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

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.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

ADDITIONAL WARNINGS FOR CHAINSAWS

This product is intended for use by a competent trained person. This user manual is a guide only and should not be treated as a training manual.

- Please seek professional training before use.
- If using a chainsaw for the first time, it is recommended to, as a minimum, practice cutting logs on a saw-horse or cradle after receiving training.

ADDITIONAL WARNINGS FOR BACKPACK AND JET BLOWERS

1. The backpack blower is intended to be used by the operator at ground level and not on ladders or any unstable support.
2. Do not simultaneously wear multiple belt harnesses or multiple shoulder harnesses other than the ones provided with the backpack blower.
3. When wearing the harness, ensure no other wearable interferes with the release and removal of the harness.
4. Please inspect the backpack blower for damage if there appears to be excessive vibration. Stop the backpack blower and remove the batteries before inspecting.
5. Never direct the blower direction nozzle towards bystanders or pets. Never blow debris in the direction of bystanders or pets.



Einhell
PROFESSIONAL

WARRANTY INFORMATION

EINHELL AUSTRALIA PTY LTD – 25 Fox Drive, Dandenong South, VIC 3175 Australia provides the following warranty in relation to your Einhell Professional tool.

2 YEAR* STANDARD REPAIR WARRANTY

Includes all Einhell Professional power tools and garden tools.

**Subject to an additional 1-year extended warranty upon online registration.*

10 YEAR* BRUSHLESS MOTOR REPAIR WARRANTY

Includes all brushless motors on Einhell Professional tools.

**Subject to online registration.*

www.einhellpro.com.au/registration

3 YEAR STANDARD REPLACEMENT WARRANTY

Includes all Einhell Professional Power X-Change batteries and chargers.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you under law. The warranty covers manufacturer defects in materials, workmanship and finish under normal use.

EINHELL PROFESSIONAL Warranty Claim Process

Equipment defects covered by the warranty will be repaired or replaced by Einhell Australia's Service Repair centre.

Contact us on

Australia – 1800 929 094

New Zealand – 0800 105 040

Or visit www.einhellpro.com.au/contactus

Or return to your nearest Bunnings Store (special orders desk) to arrange service/repair.

It is important that you have the tool's model number ready and your proof of purchase receipt.

If a fault is diagnosed and your tool is inside the stated warranty period, then your tool will be repaired or replaced at no cost. If your tool is diagnosed faulty but your tool has fallen outside the stated warranty period, the cost of diagnosis or repair will be covered by the user.

Exclusions:

The product has been modified, repaired, or serviced by someone other than an Einhell ANZ authorised service repair centre.

The product has been used other than for the purpose to which it is designed.

The product has been exposed to user abuse such as knocks, bumps and extreme temperatures or conditions, product misuse or product neglect.

Parts which are subject to wear are not covered by warranty – such as drill chucks, chainsaw chains, chainsaw bars, trimming and brush cutter heads and blades, lawn mower and hedge trimmer blades, lawn mower wheels, and accessories such as drill bits, cutting discs etc.