



ORIGINAL INSTRUCTIONS Cordless Edger

RED3626

RED3600





Important!

It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modification.





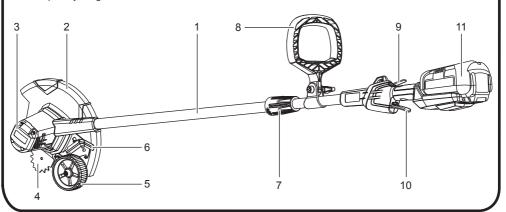




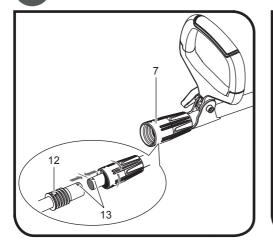
Fig. 1

- Edger attachment shaft
 Blade guard
 Gear head
- 4. Blade
- Guide wheel
- Depth adjusting lever

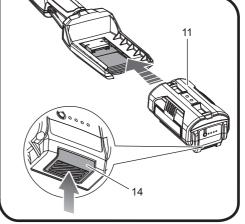
- 7. Coupler8. Front handle
- 9. Lock-out
- 10. Switch trigger 11. 36 V battery













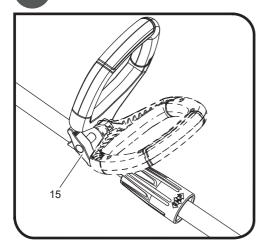




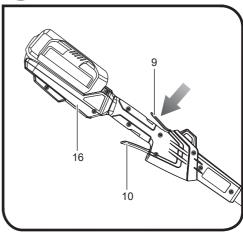






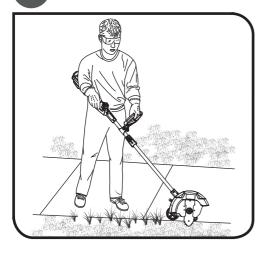




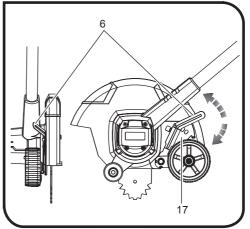




















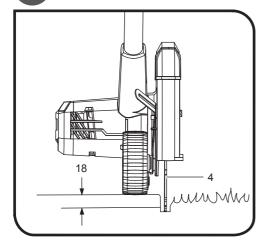
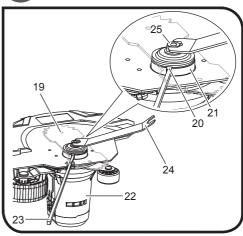


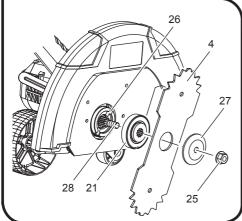
Fig. 9

















Safety, performance, and dependability have been given top priority in the design of your cordless edger.

INTENDED USE

The product is intended for edging along sidewalks, driveway, flower beds, and similar areas.

The product is not allowed to be used for cutting or chopping hedges, shrubs, bushes, flowers and compost. Do not use the product for any other purpose.

GENERAL SAFETY WARNINGS

A WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mainsoperated (corded) power tool or battery-operated (cordless) power tool.

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.

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.

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 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
- 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, clothing and gloves 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.

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











- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 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.

BATTERY TOOL USE AND CARE

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

SERVICE

 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.

A WARNING

Injuries may be caused, or aggravated, by prolonged use of a tool. When using any tool for prolonged periods, ensure you take regular breaks.

EDGER SAFETY WARNINGS

A WARNING

When using the product, the safety rules must be followed. For your own safety and that of bystanders, please read these instructions before operating the product. Please keep the instructions safe for later use.

A WARNING

The product is not intended to be used by children or persons with reduced physical, mental, or sensory capabilities. Children should be adequately supervised to ensure they do not play with the product.

- Never use the edger while people, especially children, or pets are nearby.
- While edging, always wear eye and ear protection, substantial foot wear, and long trousers.
- Always be sure of your footing on slopes.
- Use extreme caution when reversing or pulling the edger toward vou.
- Some regions have regulations that restrict the use of the product to some operations. Check with your local authority for advice.
- Avoid using the product in bad weather especially if there is a risk of lightning.
- Use the product in daylight or with good artificial light.
- Avoid using on wet grass.
- Keep proper footing and balance at all times.
- Do not walk backwards when using the product.
- Walk, never run.
- Keep the head attachment below waist level.
- Do not cut on surfaces other than grass on ground.
- Never use the product with damaged guards or without guards in place.
- Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
- Beware of objects thrown by the cutting blade.
- Turn off the product and remove the battery pack. Make sure all moving parts have come to a complete stop:
 - before servicing
 - before leaving the product unattended
 - before clearing a blockage
 - before checking, cleaning, and working on the product
 - before changing accessories
 - after striking a foreign object
 - whenever performing maintenance
 - whenever the product starts to vibrate abnormally
 - Wear protective glasses or goggles.
- Always ensure that ventilation openings are kept clear
- Do not operate the product while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.
- Do not use the product if the switch trigger does not turn it on or off. Any product that cannot be controlled with the switch trigger is dangerous and must be repaired.
- Do not grasp the exposed cutting edges when picking up or holding the product.
- Replace dull or worn blade, do not attempt to sharpen.











- Do not use the edger on or near gravel surfaces.
- Make yourself familiar with the area you are edging. Be aware of uneven sidewalks and holes in the terrain as well as other similar hazardous conditions.
- Do not attempt to remove cut material or hold material to be cut when the motor is running or when the cutting blade is moving.
- A coasting blade can cause injury while it continues to spin after the motor is stopped or throttle trigger released. Maintain proper control until the blade has completely stopped rotating.

ADDITIONAL BATTERY SAFETY WARNINGS

A WARNING

To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit

OVERLOAD PROTECTION

RYOBI 36 V lithium-ion batteries are designed with features that protect the lithium-ion cells and maximise battery life. If the product stops during use, the following may be the causes

- The maximum current draw of the battery has been exceeded, causing it to automatically stop powering the product. Release the trigger to reset the product and pull the trigger to resume operation.
- Excessive temperatures will cause the battery to stop powering the product. Feel the battery pack; if it is too warm, allow it to cool down.

TRANSPORTATION AND STORAGE

- Stop the product, remove the battery pack, and allow it to cool down before storing or transporting.
- Clean all foreign material from the product.
- Do not store or transport the product with batteries fitted, remove and secure separately. Store the product in a cool, dry, and well-ventilated place that is inaccessible to children. Keep away from corrosive agents, such as garden chemicals and de-icing salts. Do not store outdoors.
- For transportation in vehicles, secure the product against movement or falling to prevent injury to persons or damage to the product.

TRANSPORTING LITHIUM BATTERIES

Transport the battery pack in accordance with local and national provisions and regulations. Follow all special requirements on packaging and labelling when transporting batteries by a third party.

Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, nonconductive caps or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

MAINTENANCE

A WARNING

Use only original manufacturer's replacement parts, accessories, and attachments. Failure to do so can cause possible injury, can contribute to poor performance, and may void your warranty.

A WARNING

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. Have the product serviced by an authorised service centre only. When servicing, use only original replacement parts.

A WARNING

To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

- Switch off and remove the battery pack before conducting any maintenance or cleaning work.
- You may make adjustments and repairs described in this manual. For other repairs, contact the authorised service agent.
- After each use, clean the product with a soft, dry cloth. Any part that is damaged should be properly repaired or replaced by an authorised service centre.
- Check all nuts, bolts, and screws at frequent intervals for proper tightness to ensure the product is in safe working condition. Any part that is damaged should be properly repaired or replaced by an authorised service centre
- Bring the product to an authorised service centre to replace damaged or unreadable labels.
- 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 cloth to remove dirt, dust, oil, grease, etc.

A WARNING

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











Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an authorised service centre.

RESIDUAL RISKS

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise during use, and the operator should pay special attention to avoid the following:

- injury caused by vibration
 - Hold the product by designated handles and restrict working time and exposure.
- iniury caused by exposure to noise
 - Wear hearing protection and limit exposure.
- injury caused by flying debris.
 - Wear eye protection at all times.

RISK REDUCTION

It has been reported that vibrations from handheld tools may contribute to a condition called Raynaud's Syndrome. Symptoms may include tingling, numbness and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:

- Keep your body warm in cold weather. When operating the product, wear gloves to keep the hands and wrists warm. It is reported that cold weather is a major factor contributing to Raynaud's Syndrome.
- After each period of operation, exercise to increase blood circulation.
- Take frequent work breaks. Limit the amount of exposure per day.

If you experience any of the symptoms of this condition, immediately discontinue use and see your physician.

A WARNING

Injuries may be caused, or aggravated, by prolonged use of a tool. When using any tool for prolonged periods, ensure you take regular breaks.

KNOW YOUR PRODUCT

Figure 1

- Edger attachment shaft
- 2. Blade guard
- Gear head
- 4. Blade
- 5. Guide wheel
- 6. Depth adjusting lever
- 7. Coupler

- Front handle
- 9. Lock-out
- 10. Switch trigger 11.36 V battery

Figure 2

- Coupler
- 12. Base
- 13. Arrow

Figure 3

- 11.36 V battery
- 14. Latch

Figure 4

15. Knob

Figure 5

- Lock-out
- 10. Switch trigger
- 16. 36 V power head

Figure 7

6. Depth adjusting lever

17. Wheel arm

Figure 8

4. Blade

18. Blade depth

Figure 9

- 19. Indicator hole
- 20 Slots
- 21. Flange washer
- 22. Gear case
- 23. Pin
- 24. Wrench
- 25. Blade nut

Figure 10

- 4. Blade
- 21. Flange washer
- 25. Blade nut
- 26. Gear case ring
- 27. Cupped washer
- 28. Motor shaft

SYMBOLS ON THE PRODUCT



Safety alert



Please read the instructions carefully before starting the machine.



Wear ear protection.



Wear eye protection.



Remove the battery pack before starting any work on the product.









Beware of thrown or flying objects. Keep all bystanders at least 15 m away.



Avoid using the product in wet or damp conditions.



Keep feet away from rotating blade.



Beware of thrown objects.



Direction of blade rotation.



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.



Guaranteed sound power level



Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.

The following signal words and meanings are intended to explain the levels of risk associated with this product:

⚠ DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

⚠ WARNING

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

⚠ CAUTION

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

Without safety alert symbol

Indicates a situation that may result in property damage.

FEATURES

EDGER WHEEL

The edger wheel allows for more stable cutting performance while edging.

DEPTH ADJUSTMENT LEVER

The depth adjustment lever allows user to control depth of cut.

ADJUSTABLE FRONT HANDLE

The front handle assembly can be adjusted for ease of operation and to help prevent loss of control, and can be positioned above or below the coupler.

HANDLE OVERMOLD

Handle overmold provides added user comfort.

LOCK-OUT

The lock-out prevents accidental starting.

VARIABLE SPEED SWITCH TRIGGER

The product has a variable speed switch that delivers higher speed with increased trigger pressure. Speed is controlled by the amount of switch trigger depression.

ASSEMBLY

UNPACKING

This product requires assembly.

Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

A WARNING

Do not use this product if any parts on the Packing List are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

Inspect the product carefully to make sure no breakage or damage occurred during shipping.

- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call RYOBI Customer Service for assistance:

AU: 1300 697 9624 NZ: 0508 697 9624

PACKING LIST

- Edger attachment
- Holding pin
- Wrench
- Operator's manual
- Battery (for RED3626 only)
 - Charger (for RED3626 only)













A WARNING

If any parts are damaged or missing, do not operate the product until the parts are replaced. Use of the product with damaged or missing parts could result in serious personal injury.

A WARNING

Do not attempt to modify the product or create accessories 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

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.

CONNECTING THE POWER HEAD TO THE EDGER **ATTACHMENT**

See Figure 2.

▲ WARNING

Never install, remove, or adjust any attachment while power head is running or with the battery pack installed. Failure to stop the motor or remove the battery pack can result in serious personal injury.

The attachment connects to the power head by means of a coupler device.

- Remove the battery pack if installed.
- Align the arrows on the edger attachment and the power head. Insert the plug on the attachment into the opening on the coupler. Make sure the plug is fully seated.
- Slide the threaded coupler on the power head onto the threaded based on the attachment and turn the coupler clockwise. Tighten securely.

NOTE: Once assembled correctly, the edger attachment and power head should not separate when pulled. Repeat above steps if pieces can be separated.

A WARNING

Failure to secure the edger attachment and power head as instructed above could result in serious personal iniurv.

REMOVING THE EDGER ATTACHMENT FROM THE **POWER HEAD**

- Remove the battery pack.
- Turn the coupler counterclockwise to unlock. Then remove the edger shaft from the power head.

OPERATION

A WARNING

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

A WARNING

Always wear eye protection with side shields marked to comply with standards. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

A WARNING

Do not use any attachments or accessories not recommended by the manufacturer of the product. The use of attachments or accessories not recommended can result in serious personal injury.

Depending on the power head you are using, the product will accept RYOBI 36 V battery packs.

For complete charging instructions, refer to the operator's manuals for your RYOBI battery pack and charger models.

NOTE: To avoid serious personal injury, always remove the battery pack and keep hands clear of the lock-out button when carrying or transporting the product.

INSTALLING THE BATTERY PACK

See Figure 3.

A WARNING

Always remove battery pack from your product when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

Insert the battery pack into the product as shown.

A WARNING

Make sure the latch (or latches) on the battery pack snap in place and the battery pack is fully seated and secure in the power head battery port before beginning operation. Failure to securely seat the battery pack could cause the battery pack to fall out, resulting in serious personal injury.

REMOVING THE BATTERY PACK

See Figure 3.

- Depress the latch on the battery pack.
- Remove the battery pack.









A WARNING

To avoid serious personal injury, always remove the battery pack and keep hands clear of the lock-out when carrying or transporting the tool.

ADJUSTING THE FRONT HANDLE

See Figure 4.

The angle of the front handle can be adjusted 180°.

- Remove the battery pack.
- Set the edger on a flat surface and turn the knob counterclockwise to loosen the handle.
- For edging, adjust the handle downward.
- Turn the knob clockwise until the handle is securely tightened before reinstalling the battery pack.

STARTING /STOPPING THE EDGER

See Figure 5.

To start:

- Press and hold the lock-out.
- Depress the switch trigger.

To stop:

- Release the switch trigger to stop the edger.
- Upon release of the switch trigger, the lock-out will automatically reset to the locked position.

OPERATING THE EDGER

rear handle about hip height.

See Figure 6.

- Hold the edger with your right hand on the rear handle and your left hand on the front handle.
- Keep a firm grip with both hands while in operation.
- Edger should be held at a comfortable position with the
- The edger will edge along sidewalks, driveways, flower beds, curbs, and similar areas.
- Cut at a steady pace. If the blade begins to bog down, you are edging too fast; slow your pace. Do not force the blade into ground.
- Light contact of the blade against the sidewalk edge, curb, etc., is acceptable and will not damage the edger.
- Best appearance is obtained when grass is dry. Avoid edging in wet soil or wet grass areas or the blade guard might clog and result in an uneven edge. If the blade guard becomes clogged, stop the edger, remove the battery, and remove debris from the blade guard.

NOTE: The edger is best suited for maintaining lawn edges. When using the edger on a surface that has not been prepared, expected runtime may decrease due to an increased load on the motor.

A WARNING

Always hold the edger away from the body keeping clearance between the body and the edger. Any contact with the edger cutting head while operating can result in serious personal injury.

ADJUSTING THE DEPTH OF CUT

See Figure 7-8.

- Remove the battery pack.
- Loosen the depth adjusting lever and move the wheel arm up to increase the depth or down to decrease the depth.
- Lever locks into one of four positions.
- Replace the battery pack.

NOTE: Adjust the blade depth from 1/2 in. to 1 in. deep initially. Make a shallow cut to test the cutting depth. If the cutting depth needs adjusting, this should be done progressively until the desired depth is reached.

REPLACING THE BLADE

See Figures 9 - 10.

Replace blades when worn down to indicator hole on blade.

- Remove the battery pack.
- Wear gloves when handling blade.
 - Align the slot in the flange washer with the slot in the gear case ring; place the holding pin through both slots to secure in place.
 - Using the wrench (included), turn the blade nut counterclockwise to loosen.
- Remove the old blade from the motor shaft.
- Clean debris from the edger shaft, flange washer and cupped washer.
- Center the new blade on the flange washer, making sure the blade sits flat.
- Properly install the cupped washer with the raised center area with the hole not touching the blade and the outer ring of the cupped washer touching the blade.
- Install the blade nut onto the motor shaft and reinsert the holding pin into the slots as described above.
- Using a wrench, turn the blade nut clockwise onto the edger shaft and tighten securely.

A WARNING

Always make sure the blade is correctly installed and securely fastened before each use. Failure to properly install the blade may result in serious personal injury.

STORING THE EDGER

- Remove the battery pack from the edger before storing.
- Clean all foreign material from the edger.















- Store it in a place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.

ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing of as waste. The machine, accessories and packaging should be sorted for environmental-friendly recycling.









PRODUCT SPECIFICATIONS

Cordless Edger			
Model	RED3626	RED3600	
Voltage	36 V		
No-load speed	4,100 min ⁻¹		
Blade length	220 mm		
Cutting depth	60 mm		
Weight (without battery)	3.5 kg		
Noise emission values determined according to IEC 60335-2-91			
A-weighted sound pressure level at the operator position	L _{pA} = 75.1	dB(A)	
Uncertainty	K = 3.0 dB(A)		
A-weighted sound power level	L_{WA} + K_{WA} = 93 dB(A)		
Vibration total values determined according to IEC 60335-2-91			
Vibration level			
Front handle	a _h = 0.78	m/s²	
Rear handle	a _h = 0.55	i m/s²	
Uncertainty	K = 1.5	m/s²	

BAT		

Model	RED3626	RED3600	
Battery pack	BPL3636, BPL3626D2, BPL3650D2	Not included	
Charger	BCL3620	Not included	
Compatible battery packs (not included)	BPL3636, BPL3640, BPL3640D, BPL3650D, BPL3650D2, BPL3620D2, BPL3626D2, BPL3640D2, BPL3660D, BPL3680D, BPL3690D, BPL3612D		
Compatible chargers	BCL3620, BCL3620S, BCL3650F, BCL3617S, BCL3617U		

VIBRATION LEVEL

The declared vibration value has been measured with a standard test method and may be used to compare one tool with another.

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

The vibration emission during actual use of power tool can differ from the declared total value depending on the ways in which the tool is used.

Identify safety measures to protect yourself based on an estimation of exposure in the actual conditions of use, taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.

















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