

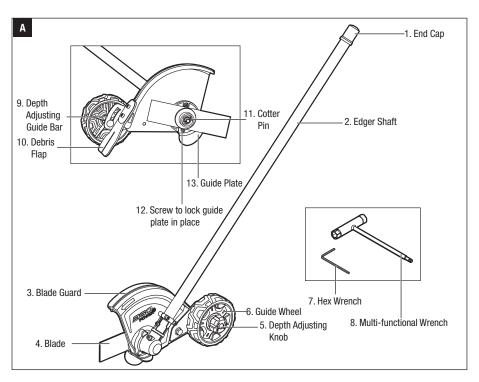
FOR USE ONLY WITH THE 56V LITHIUM-ION POWER HEAD PH1400E\PH1420E

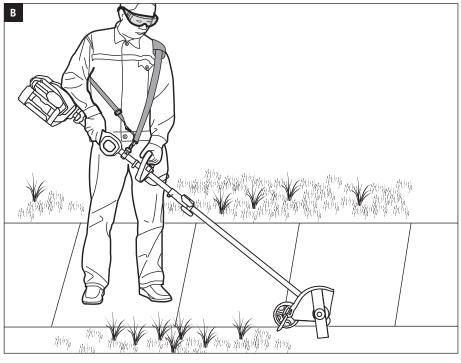
OPERATOR'S MANUAL

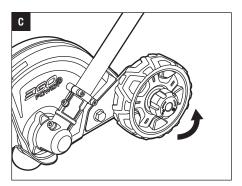
EDGER ATTACHMENT

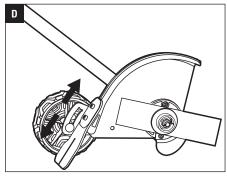
MODEL NUMBER EA0800

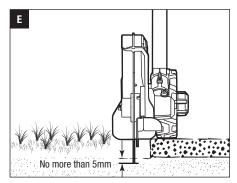
⚠ WARNING: To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.

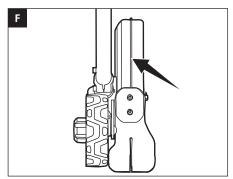


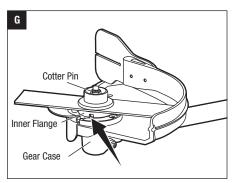


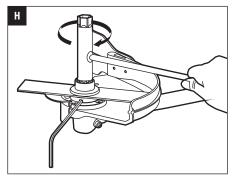


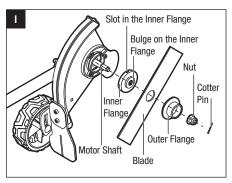


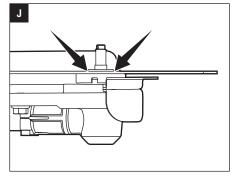


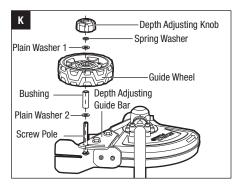


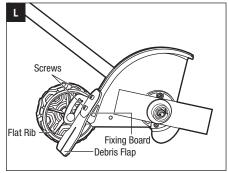


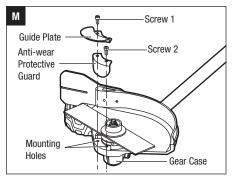


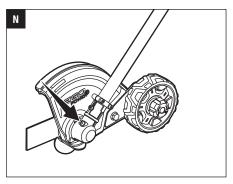














READ ALL INSTRUCTIONS!



READ OPERATOR'S MANUAL

⚠ Residual risk! People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

warning: To ensure safety and reliability, all repairs and replacements should be performed by a qualified service technician.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

warning: Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as "DANGER," "WARNING," and "CAUTION" before using this tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING

A SAFETY ALERT SYMBOL: Indicates DANGER, WARNING, OR CAUTION. May be used in conjunction with other symbols or pictographs.

A WARNING: The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.

SAFETY INSTRUCTIONS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate it.

A	Safety Alert	Indicates a potential personal injury hazard.
Ш	Read Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Wear Ear and Eye Protection	Always wear ear protection and safety goggles or safety glasses with side shields and a full face shield when operating this product.
18/1	Keep Bystanders at a Safe Distance	Ensure that other people and pets remain a certain distance away from the edger when it is in use.
	Direction of Edger Blade Rotation	Indicates the direction of the edger blade rotation.
	Thrown Objects	Edger debris can affect stable footing. Use extreme care when walking in edging area.
	Rotating Cutting Blade	Do not put hands or feet near or under rotating parts.
	Wear Slip-resistant Footwear	Wear non-slip safety footwear when using this equipment.
	Do not Expose to Rain	Do not use in the rain or leave outdoors while it is raining.
<u> </u>	Keep sufficient distance away from electrical power lines	To prevent electrocution, do not operate within 50 ft. (15m) of overhead electrical lines. Contact with or use near power lines may cause serious injury or electric shock resulting in death.
XXa	Noise	Guaranteed sound power level.



IPX4	Ingress Protection Degree	Protection from splashing water
V	Volt	Voltage
mm	Millimetre	Length or size
cm	Centimetre	Length or size
kg	Kilogram	Weight
°C	Celsius Degree	Temperature

IMPORTANT SAFETY INSTRUCTIONS

warning! When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ CAREFULLY BEFORE USE

KEEP FOR FUTURE REFERENCE

▲ DANGER! Do not rely on the tool's insulation against electric shock. To reduce the risk of electrocution, never operate the machine in the vicinity of any wires or cables (power, etc.) which may carry electric current.

A CAUTION! Wear appropriate personal hearing protection during use. Under some conditions and durations of use, noise from this product may contribute to hearing loss.

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
- Never allow children or people unfamiliar with these instructions to use the edger. Local regulations may restrict the age of the operator.
- Never edge while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Use only with EGO's battery packs and chargers listed below:

BATTERY PACK	CHARGER
BA1400, BA1400T, BA2800,	CH2100E
BA2800T, BA4200, BA4200T,	CH5500E
BA5600T, BA6720T	CH7000E

Preparation

- While edging, always wear eye and ear protection, substantial foot wear, and long trousers.
- Thoroughly inspect the surface where the equipment is to be used and remove all stones, sticks, wires, bones and other foreign objects.
- Before using, always visually inspect to see that the blades, blade bolt and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.

Operation

- Edge only in daylight or in good artificial light.
- Always be sure of your footing on slopes.
- Walk, never run.
- Use extreme caution when reversing or pulling the edger toward you.
- Make sure the blade has stopped before crossing surfaces other than grass and when transporting the edger to and from the area to be edged.
- Never operate the edger with defective, missing or incorrectly fitted guards.
- Do not change the motor governor settings or overspeed the motor.
- Do not tilt when switching on the motor, unless the edger has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator.
- Start the switch on the motor carefully according to instructions and with feet well away from the blade(s).
- Do not start the motor when a bystander is standing in front of the blade(s).
- Do not put hands or feet near or under rotating parts.
- Always switch off the motor and disconnect from the battery:
 - 1) Before clearing blockages;
 - Before checking, cleaning or working on the blade(s);
 - After striking a foreign object: Inspect the blade(s) for damage and make repairs before restarting and operating the edger;
 - 4) If edger starts to vibrate abnormally (check immediately).
- Stop the motor whenever you leave the edger;
- Do not charge the battery pack in rain, or in wet locations.
- The battery pack must be removed from the appliance before it is scrapped.
- The battery shall be disposed of safely.



- Do not dispose of the battery in a fire. The cells may explode. Check with local authorities for possible special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
- Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards even when the tool is not operating. Take care when performing maintenance or service.
- Do not wash with a hose; avoid getting water in motor and electrical connections.

Maintenance and storage

- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working conditions.
- Replace worn or damaged parts.
- Do not attempt to repair the machine unless you are competent to do so.
- Use only manufacturer recommended replacement parts and accessories.
- Disconnect the machine from the battery before carrying out maintenance or cleaning work.
- Inspect and maintain the machine regularly. Have the machine repaired only by an authorised repairer.
- When not in use, store the machine out of the reach of children.
- If situations occur that are not covered in this manual, use care and good judgment. Contact the EGO Service Centre for assistance.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan this tool to someone else, also loan these instructions to them to prevent misuse of the product and possible injury.

SAVE THESE INSTRUCTIONS

NOTE: SEE YOUR POWER HEAD OPERATOR'S
MANUAL FOR ADDITIONAL SPECIFIC SAFETY RULES.

SPECIFICATIONS

Blade Length	20 cm
Edging Depth	Up to 75 mm
Weight	2.26 kg
Recommended Operating Temperature	0°C-40°C
Recommended Storage Temperature	-20°C-70°C

PACKING LIST

PART NAME	QUANTITY
Edger Attachment	1
Hex Wrench	1
Multi-Functional Wrench	1
Cotter Pin	2
Operator's Manual	1

Recommended Blade

PART NAME	MODEL NUMBER	
Edger Blade	AEB0800	

DESCRIPTION

KNOW YOUR EDGER ATTACHMENT (Fig.A)

- 1. End Cap
- 2. Edger Shaft
- 3. Blade Guard
- 4. Blade
- 5. Depth Adjusting Knob
- 6. Guide Wheel
- 7. Hex Wrench
- 8. Multi-functional Wrench
- 9. Depth Adjusting Guide Bar
- 10. Debris Flap
- 11. Cotter Pin
- 12. Screw to lock guide plate in place
- 13. Guide Plate

ASSEMBLY

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



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

warning: Do not adjust the blade guard. The blade guard has been set at the factory so that the arrow on the blade guard and the open side point away from the operator. This ensures that cuttings and other debris are directed away from the power tool and the operator.

CONNECTING THE EDGER ATTACHMENT TO THE POWER HEAD

This edger attachment is designed for use with EGO 56V Lithium-ion Power Head PH1400E\PH1420E.

See "INSTALLING AN ATTACHMENT TO THE POWER HEAD" section in the power head PH1400E operator's manual or "INSTALLING A POWER HEAD ATTACHMENT" section in the power head PH1420E operator's manual.

OPERATION

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

warning: Always wear eye protection, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

APPLICATIONS

You may use this product for the purpose listed below:

 Edging around walkways, curbing, flower beds and other similar areas.

NOTICE: The tool is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse.

Before each use check for damaged/worn parts

Check the blade, guard and front-assist handle and replace any parts that are cracked, warped, bent, or damaged in any away.

▲ WARNING: To prevent serious personal injury, remove the battery pack from the tool before servicing, cleaning, changing attachments or removing material from the unit.

USING THE EDGER ATTACHMENT WITH POWER HEAD

WARNING: Dress properly to reduce the risk of injury when operating this tool. Do not wear loose clothing or jewelry. Wear eye and ear/hearing protection. Wear heavy, long pants, boots and gloves. Do not wear short pants or sandals or go barefoot. Wear a face mask or dust mask in dusty locations.

WARNING: Clear away all obstacles and solid objects from the work area.

For safe and better operation, put on the shoulder strap across the shoulder. Adjust the shoulder strap in a comfortable operating position.

Hold the edger with your right hand on the rear handle and your left hand on the front-assist handle. Keep a firm grip with both hands while operating the tool. The edger should be held at a comfortable position with the rear handle about hip height (Fig. B).

warning: The shoulder strap is also a quick release mechanism in hazardous situation. When emergency occurs, take it off from your shoulder immediately, no matter what way the strap is in.

After each use, clean the edger

See the MAINTENANCE section for cleaning instructions.

ADJUSTING DEPTH OF CUT

- Stop the motor and remove the battery pack.
- Loosen the depth-adjusting knob in the direction of the unlocking arrow marked on the knob (Fig. C).
- Move the guide wheel, along the depth-adjusting guide bar, up to increase the depth of cut or down to decrease the depth (Fig. D).
- Adjust the guide wheel so that the blade just touches the ground or breaks the surface of the soil by no more than 5mm (Fig. E) and then tighten it securely.
- Standing in the normal working position, check the depth of cut again and correct it if necessary.

TO START/STOP THE TOOL

See "STARTING/STOPPING THE POWER HEAD" section in the power head PH1400E\PH1420E operator's manual.

OPERATING TIPS

- Hold and guide the power head so that the blade is vertical. Use the sight line to line the blade up with the edge of the bed (Fig. F).
- Operate at no more than a normal walking pace. If the blade begins to bog down, you are edging too fast; slow your pace.



- Always walk forwards when cutting and move the edger forward. Do not pull the edger towards you.
- Do not force the blade into the ground. Light contact of the blade against the sidewalk edge, curb, etc., is acceptable and will not damage the edger.
- Best results are 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 motor, remove the battery
 pack, and remove debris from the blade guard.

MAINTENANCE

warning: Before inspecting, cleaning or servicing the unit, stop the motor, wait for all moving parts to stop, and remove the battery pack. Failure to follow these instructions can result in serious personal injury or property damage.

warning: When servicing, use only identical replacement parts. Use of any other parts can create a hazard or cause product damage. To ensure safety and reliability, all repairs, other than the items listed in these maintenance instructions, should be performed by a qualified service technician.

GENERAL MAINTENANCE

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

CLEAN THE UNIT

- After each use, clean the debris, clogged soils or grass on the blade and guard with a soft brush. Wipe the edger surface with a clean cloth moistened with a mild soap solution.
- Use a small brush or a small vacuum cleaner to clean the air vents on the rear housing.

NOTICE: Do not use any strong detergents on the plastic housing or the handle. They can be damaged by certain aromatic oils such as pine and lemon.

REPLACING THE BLADE

▲ WARNING: Do not attempt to straighten or weld a bent or cracked blade,it must be replaced. Recommend replace only with EGO edger blade, see "Recommended Blade" section.

NOTICE: Replace the blade if its length is no longer sufficient to maintain the necessary ground clearance and obtain the required depth of cut.

warning: Always protect your hands by wearing heavy gloves or wrapping the blade with rags or other materials when performing any maintenance on the edger blade.

Removing the blade

- 1. Stop the motor and remove the battery pack.
- Lay the edger on its back so that the blade is facing upwards.
- Wear protective gloves. Use a needle nose pliers (not included) to remove the cotter pin from the motor shaft (Fig. G).
- 4. Rotate the blade to align the slot in the flange with the hole in the gear case (Fig. G).
- Insert the hex wrench provided into the aligned holes to act as a stabiliser. Use the multi-functional wrench provided to loosen the nut CLOCKWISE (Fig. H).
- Remove the nut, outer flange, blade and the inner flange from the motor shaft (Fig. I). Check and replace them if they are worn.

Installing the blade

- 1. Position the inner flange onto the motor shaft with bulge facing outwards (Fig. I).
- Install the new blade onto the inner flange, ensuring that the blade is mounted into its place securely (Fig. J).
- Mount the outer flange and the nut onto the shaft, and pre-tighten the nut COUNTERCLOCKWISE by hand.
- Follow the above step 4 & 5 in "Removing the blade" to stabilise the blade to securely tighten the nut in COUNTERCLOCKWISE.
- Insert a new cotter pin supplied into the hole in the motor shaft. Bend the two feet of the pin in opposite directions with a needle nose pliers (not included) (Fig. G).

REPLACING THE GUIDE WHEEL

- 1. Stop the motor and remove the battery pack.
- Lay the edger on its back so that the guide wheel is facing upwards.
- Loosen the depth-adjusting knob in the direction of the unlocking arrow marked on the knob and removing it.
- Remove the spring washer, plain washer 1, guide wheel, bushing and plain washer 2 from the screw pole (Fig. K). Check and replace them if they are worn.



 Mount the screw pole through the depth-adjusting guide bar first, and then mount the plain washer 2, bushing and new wheel, then mount the plain washer 1, spring washer and depth-adjusting knob onto the screw pole in the sequence shown in Fig. K.

NOTICE: The guide wheel should be mounted with its flat ribs facing inwards (Fig. L).

6. Lock the depth-adjusting knob.

REPLACING THE DEBRIS FLAP (Fig. L)

- 1. Stop the motor and remove the battery pack.
- Use the hex wrench provided to loosen the two screws.
- 3. Remove the screws, fixing board and worn debris flap.
- Replace with a new debris flap and lock it with the fixing board and the two screws.

CHECKING AND REPLACING THE ANTI-WEAR PROTECTIVE GUARD/GUIDE PLATE (Fig. M)

Check the anti-wear protective guard and the guide plate for damage before starting the power tool. The anti-wear protective guard must be replaced as soon as the gear case becomes visible.

NOTICE: The gear case may be seriously damaged if you do not replace the anti-wear protective guard as soon as the gear case is visible.

- Stop the motor and remove the battery pack.
- 2. Wear protective gloves. Rotate the blade as necessary to expose the two screws.
- 3. Use the hex wrench provided to loosen the two screws and remove them.

NOTICE: If you just need to replace the guide plate, loosen and remove just the screw 1.

- 4. Replace the deformed or worn anti-wear protective guard/guide plate.
- Assemble the new anti-wear protective guard and guide plate onto the gear case and lock them with the two screws

REMOVING THE GUIDE PLATE

If you are experienced with this type of edger, or if you find that the guide plate is a hindrance in your edging operation, you may remove the guide plate.

- 1. Loosen and remove screw 1.
- Remove the guide plate.
- Replace and tighten screw 1.

TRANSMISSION GEARS LUBRICATION

The transmission gears in the gear case need be lubricated periodically with gear grease. Check the gear case grease level about every 50 hours of operation by removing the sealing screw on the side of the case.

If no grease can be seen on the sides of the gear, follow the steps below to fill with gear grease up to 3/4 capacity.

Do not completely fill the transmission gears.

- Position the edger upright so that the sealing screw is facing upwards (Fig. N).
- Use the multi-functional wrench provided to loosen and remove the sealing screw. Use a grease syringe (not included) to inject some grease into the screw hole; do not exceed 3/4 capacity.
- 3. Tighten the sealing screw after injection.

STORING THE UNIT

- Remove the battery pack from the edger
- Clean the tool thoroughly before storing it.
- If the edger attachment is removed from the power head and stored separately, fit the end cap on the attachment shaft to avoid dirt getting into the coupler.
- Store the unit in a dry, well-ventilated area, locked-up or up high, out of the reach of children. Do not store the unit on or adjacent to fertilisers, petrol, or other chemicals.

Protecting the environment



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.



TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION	
	The battery pack is not attached to the power head.	 Attach the battery pack to the power head. 	
Make a fall a de adard	No electrical contact between the power head and the battery pack.	 Remove the battery, check contacts and reinstall the battery pack until it snaps into place. 	
Motor fails to start.	The battery pack is depleted.	Charge the battery pack with EGO chargers listed in this manual.	
	The lock-off button and trigger are not depressed simultaneously.	 Press down the lock-off button and hold it, then depress the trigger to turn on the power head. 	
Power head stops during operation.	■ The motor is overloaded.	The motor will recover when the load is removed. For continuous working, decrease the load of the power head.	
	The battery pack or the power head is too hot. The battery pack or the power head is too hot.	 Allow the battery pack or power head to cool until the temperature drops below 152°F (67°C). 	
	The battery pack is disconnected from the tool.	Re-install the battery pack.	
	The battery pack is depleted.	Charge the battery pack with EGO chargers listed in this manual.	
	Grass or soil edged is too wet.	Avoid edging in wet soil or wet grass.	
Uneven edge	■ Blade guard is clogged.	Stop the motor, remove the battery pack, and remove debris from the blade guard.	



WARRANTY POLICY

For warranty service or to make a claim, please visit our Warranty Portal at egopowerplus.com.au/warranty-policy, alternatively you can contact EGO customer service via the following: **Australia 1300 000 346**,

New Zealand 0508 000 346.

Chervon Australia Pty Ltd ABN 36 165 077 501 and Chervon New Zealand Subsidiary Ltd NZBN 9429049277616 ("Chervon") warrants to the original domestic purchaser that this product will be free from defects in materials and workmanship for 5 years from date of purchase, and any battery or charger will be free from defects in materials and workmanship for 3 years from date of purchase.

Warranty for commercial use is 1 year on all product, battery and chargers. The Commercial Range Product Warranty for commercial users is 2 years for commercial tools, commercial batteries and commercial chargers. Please refer to product warranty table below for further clarification.

The warranty period for routine accessories, consumables or maintenance parts, such as, but not limited to, ride-on mower seat, wheels, tyres, anti-scalp wheels, brake discs, blades, trimmer heads, chain bars, saw chains, augers, blower nozzles, and all other EGO accessories is 90 days for residential purpose, 30 days for industrial, professional or commercial purpose. These parts are covered for 90/30 days from manufacture defects in normal working conditions.

To make a claim, call 1300 000 346 for AU or 0508 000 346 for NZ or lodge a claim via our portal link above. Any handling and transportation costs (and other expenses incurred in claiming this warranty) are not covered by this warranty and will not be borne by Chervon. The replacement product or part or repaired product will be made available for your collection at an address nominated by Chervon. Where a valid warranty claim is made, Chervon will replace the defective product or repair the fault. Where the product is repaired, Chervon may use refurbished parts. This warranty does not cover normal wear and tear, misuse or abuse (including overloading of the product beyond capacity and exposure to water or rain), accidents, neglect or lack of proper installation, and improper maintenance or storage. This warranty does not cover the damage resulting from modification, alteration or unauthorised repair. This warranty does not cover normal deterioration of the exterior finish, including but not limited to scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners. This warranty is void if the product has been used for rental purpose. This warranty may also be further limited or voided as specifically detailed in the product Manual. Chervon has no other liability under this warranty. The benefits to you given by this warranty are in addition to other rights and remedies imposed by State and Federal legislation that cannot be excluded. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law and the New Zealand Consumer Guarantee Act 1993, You are entitled to a replacement or refund for a major failure and 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 warranty applies to the original purchaser and applies only to purchases made from authorised EGO Dealers, which can be confirmed on the website store locator. For avoidance of doubt, 3rd party online stores such as eBay, Gumtree, Amazon, etc. are excluded.

Chervon Australia Pty Ltd, Unit 14, 5 Kelletts Rd, Rowville, VIC. 3178.
Ph Australia; 1300 000 346. Email: support@egopowerplus.com.au
Chervon New Zealand Subsidiary Ltd, 4th Floor, Smith & Caughey Building, 253 Queen St, Auckland, 1141.
Ph New Zealand; 0508 000 346. Email: support@egopowerplus.co.nz



PRODUCT OR MODEL#	LIMITED WARRANTY FOR CONSUMER USE (PERSONAL, HOUSEHOLD USE)	LIMITED WARRANTY FOR PROFESSIONAL USE (ANY COMMERCIAL, AGRICULTURAL, INSTITUTIONAL, OR INCOME-PRODUCING USE)		
EGO Power+ Outdoor Power Equipment and Portable Power Products	5 years	1 year		
EGO Power+ Battery Packs and Chargers	3 years	1 year		
Specific warranties apply to the products below:				
Commercial Tools*	5 years	2 years		
Commercial Batteries & Chargers**	3 years	2 years		
Mini Bike (MB1000E)	1 Year	N/A		
Accessories / Consumables	90 Days	30 Days		

^{*}Commercial Tools include: BCX3800, BCX4500, BHX1001, CSX3000, CSX5000, EDX2000, HTX5300-P, HTX5300-PA, HTX7500, LBPX8000, LBX1000, LBX6000, LMX5300SP, PPX1000, PTX5100, PSX2500, PSX2510, STX3800, STX4500.

^{**}Commercial Batteries & Chargers include: BAX1501, CHU6000E, CHX5500E, HC2240T, PGX1400PB, PGX1600E-H, PGX3000D.