# Cordless Mini Chainsaw Item codes: M620 / 615680

Instructions for Use v002: 04/03/24

Please read and retain these instructions for future reference



# **ENGLISH INSTRUCTIONS**

#### **TECHNICAL DATA**

MODEL	CS06-20	
Rated voltage	20 V	
Chain speed	5m/s	
Guide length	100mm	
ax. operating duration with a full battery	25min (2×1.5Ah)	
Weight	0.9kg (not include battery)	

#### Accessories:

- Wrench x1
- Screwdriver x1
- Oil bottle x1
- Tool bag x1

USE: THIS ITEM REQUIRES TWO HANDS TO USE SAFELY. DESIGNED FOR PRUNING / TRIMMING SMALL TREE BRANCHES. IT IS NOT DESIING TO FELL TREES.

Please read this instruction manual thoroughly before starting and ensure you are familiar with the operation of your new Cordless Mini Chainsaw.

## RECOMMENDED FOR PERSONS OVER 18 YEARS OF AGE.

ALWAYS USE HEAD, EYE AND EAR PROTECTION EQUIPMENT AND SAFETY SHOES AND HAND GLOVES

#### 1. SAFETY INSTRUCTIONS

## WARNING!

Carefully read the instruction manual before use.

## Important safety warnings

Unpack the product carefully and be sure not to throw away any part of the package before having found all components of the product.

Keep the product in a dry place out of reach of children.

Read all cautions and instructions. The failure to adhere to warning cautions and instructions may result in an accident, fire and/or a serious injury.

# **Packaging**

The product is placed in a package preventing damage during transport. This package is a raw material therefore it can be handed-over for recycling.

#### Instructions for use

Before beginning to work with the machine, read the following safety rules and instructions for use. Familiarize with operating elements and the proper use of the device. Keep the manual in a safe place for future reference. We recommend keeping the original package including the inner packaging materials, cash voucher and guarantee card

for a period of warranty at minimum. For a case of transportation, pack the machine into the original box from the manufacturer, thus ensuring a maximum protection of the product during a possible transport (e.g. moving or sending into a service station).

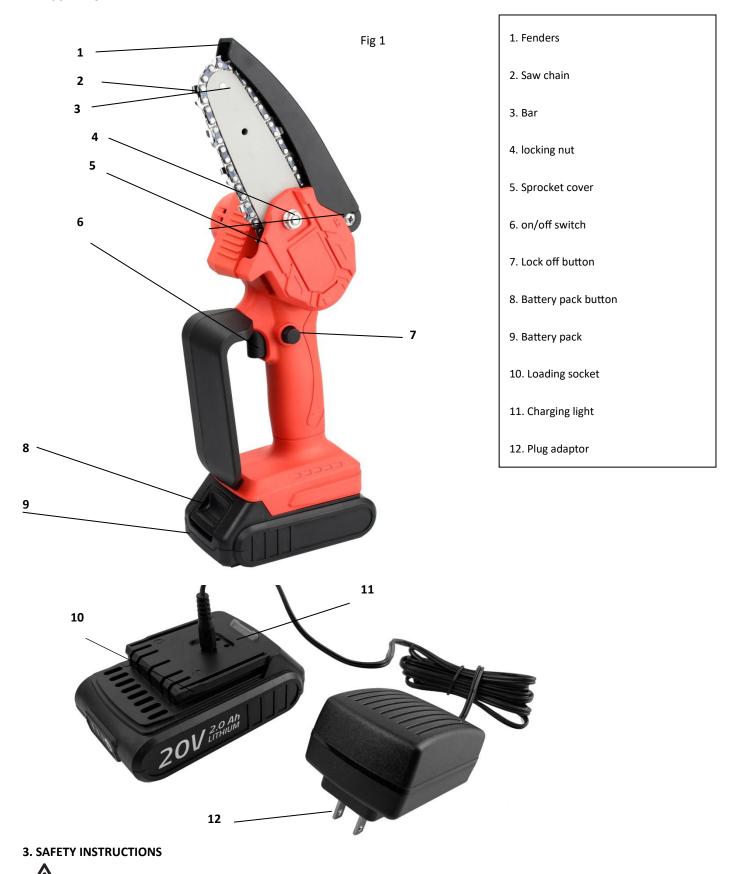
**Note:** If you hand the machine over to next persons, hand it over together with the manual. Adherence to the attached instructions for use is a precondition for the proper use of the machine. The operation manual includes also instructions for operation, maintenance and repairs.

The manufacturer does not take any responsibility for accidents or damages resulting from the failure to adhere to this manual.

# 2. SYMBOLS

$\triangle$	Be careful when handling the device! Observe all safety instructions in the instructions for use!	Eye protection: wrap-around goggles/ protective visor on the helmet. The use of eye protection is recommended.
	Read the user instructions carefully to make sure you understand all the controls and what they do.	Ear protection: earplugs/ear muffs
	Do not expose the machine to moisture.	Head protection: safety helmet with visor. Head protection must be worn.
	Area with a danger of kickback.	Foot protection: safety shoes with gripping soles, steel caps and leg protection
	Always hold the device firmly in both hands.	Hand protection: protective chainsaw gloves
	Always maintain a sufficiently safe distance.	Clothing: safety overalls (cut-proof), Safety jacket (cut-proof)
XXX mm	Length of the saw rail	Remove plug from the mains immediately if the cable is damaged or cut.
Danger Live wires	Keep away from electric cables, whether overhead, on the ground or along outdoor buildings.	

# 2. DESCRIPTION



Familiarize yourself with all the warning and safety instructions and with the tool operating instructions.



Failure to adhere to warning or safety instructions may result in electric shock, fire and/or serious injury.



Keep all the warning and safety instructions in a practical place for future reference.

**Note:** The term "power tool" in all the warning instructions specified hereafter means mains-operated (corded) power tool.

#### 1. Work area safety

Only use the product in the manner and for the functions described in these instructions.

- a) Keep work area clean and well lit. Cluttered or dark areas at the workplace invite accidents.
- b) 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.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control over the tool.

#### **Electrical safety**

- a) Power tool plugs must match the mains 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 the risk of electric shock.
- b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.
- c) 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.
- d) 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.
- e) 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.
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of residual current device (RCD) reduces the risk of electric shock.
- g) Before use, examine cable for damage, replace it if there are signs of damage or ageing.
- h) Do not use the product if the electric cables are damaged or worn.
- i) Immediately disconnect from the mains electricity supply if the cable is cut, or the insulation is damaged. Do not touch the electric cable until the electrical supply has been disconnected.
- j) Your electric cable must be untangled, tangled cables can overheat and reduce the efficiency of your product.
- k) Always switch off at the mains before disconnecting any plug, cable connector or extension cable.
- Switch off, remove plug from mains and examine electric supply cable for damage or ageing before winding cable for storage. Do not repair a damaged cable, replace it with a new one.
- m) Always wind cable carefully, avoiding kinking.
- n) Use only on AC mains supply voltage shown on the product rating label.

**Note:** The term "residual current device" (RCD) may be substituted by the term "ground fault circuit interrupter" (GFCI) or "earth leakage circuit breaker" (ELCB).

## 4. Personal safety

- a) 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.
- b) 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.
- c) 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 power tools that have the switch on invites accidents.
- d) 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 tools may result in personal injury.
- e) Always wear suitable clothing, gloves, and stout shoes.
- f) 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.
- g) Thoroughly inspect the area where the product is to be used and remove all wires and other foreign objects.

- h) All adjustments (turning the blade unit, inclining the blade head) have to be made with the sheath/protect cover in place, and the Hedge Trimmer must not rest on the blade in the process.
- i) Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
- j) Before using any electrical garden equipment and pole hedge trimmer, always make sure that all guards and/or hand guards provided are fitted.
- k) Never attempt to use an incomplete product or one with an unauthorised modification.
- Do not overreach. Always keep proper footing and balance. This enables better control of the power tool in unexpected situations.
- m) 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.
- n) Do not use on or near ladders.
- o) If the garden product hits an object, then stop immediately, switch off and disconnect from the mains supply. Check the product for any damage and repair before continuing use.

#### 5. Power tool use and maintenance

- a) Do not force the power tool. Use only 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.
- b) 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.
- Unplug the power cord from the mains outlet before making any adjustments, changing accessories, or storing power tools. Such preventative 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. Check for misalignment or binding of moving parts, pay particular attention to cracks, 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 and in the manner intended for the particular type of power tool, taking into account the given working conditions and the work to be performed. Use of the power tool for operations other than those for which the power tool is intended could result in hazardous situations.

## Service

Have your power tool serviced by a qualified repair person using only original replacement parts. This will ensure that the safety of the power tool is maintained.

- Keep all parts of the body away from any blades / cutter blades. Do not remove cut material or hold material
  to be cut when blades are moving. Make sure the switch is off when clearing jammed material. A moment of
  inattention while operating the hedge trimmer may result in serious personal injury.
- Carry the pole hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the
  pole hedge trimmer always fit the cutting device cover. Proper handling of the pole hedge trimmer will
  reduce possible personal injury from the cutter blades.
- Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring
  or its own cord. Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live"
  and could give the operator an electric shock.
- Keep cable away from the cutting area. During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.

### **Additional Safety Recommendations**

## **Cables**

Use only permitted extension cables in accordance with EN 50565 Parts 1 & 2. Ask your electrical specialist.

#### Storage

- only carry and store the tool with the scabbard fitted.
- carefully clean the tool and carry out adequate maintenance before storing.
- before carrying, secure the tool against fuel leakage, damage or injury.

#### Use and treatment of the cordless tool.

Only charge the batteries with chargers recommended by the manufacturer. A charger that is suitable for a certain type of battery creates a fire hazard when used with other batteries.

Only use the batteries provided for this purpose in the power tools. The use of other batteries can lead to injuries and fire hazards.

Keep the unused battery away from paper clips, coins, keys, nails, screws or other small metal objects that could cause the contacts to be bridged. A short circuit between the battery contacts can result in burns or fire.

If used incorrectly, liquid can leak out of the battery. Avoid contact with it. In case of accidental contact, rinse with water. If the liquid gets into your eyes, get additional medical help. Leaking battery fluid can cause skin irritation or burns.

#### 6. FUNCTIONAL DESCRIPTION

**CAUTION!** Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

## Installing or removing battery cartridge



**CAUTION!** Always switch off the tool before installing or removing of the battery cartridge.



**CAUTION!** Always switch off the tool before installing or removing of the battery cartridge.

**CAUTION!** Hold the tool and the battery cartridge firmly when installing or removing battery cartridge.

Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.

To remove the battery cartridge, slide it from the tool while sliding the button on the side of the cartridge.

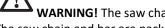
To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.

**CAUTION!** Do not install the battery car- ridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Checking the chain brake

**CAUTION!** Hold the chain saw with single hands when switching it on. The bar and the chain must not be in contact with any object.

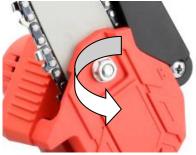
# Mounting the chain bar



**WARNING!** The saw chain has very sharp edges. Use protective gloves for safety.

The saw chain and bar are packed separately in the carton.

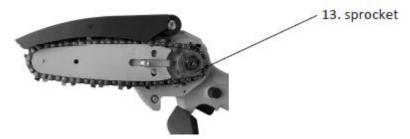
- 1. Place the chainsaw on the table or floor.
- 2. Loosen nut on sprocket cover, and remove sprocket cover (fig.2)



3. Place the chain (2) in the grove of the bar (3), pay attention to the correct running direction, as shown by the running direction symbol (fig.3)



4. Place the chain links around the sprocket (13) and put the bar on such that the one locating pegs fit into the slotted hole of the bar. (fig.4)



5. Fitting the cover (14) and tighten nut(15) on sprocket cover . (fig.5)



Setting the chain saw tension (fig.6)

# **WARNING!**

The saw chain has very sharp edges. Use protective gloves for safety. To adjust the chain tension as follows:

- 1. Before adjusting chain, make sure guide bar nuts are only finger tight. Also make sure adjusting block is in oval adjusting hole on guide bar.
- 2. Turn adjusting screw clockwise until all slack is out of chain.

Note: There should be no gap between side likes of chain ad bottom of guide bar.



- 3. Wearing protective gloves, move chain around guide bar, chain should move freely. If chain does no move freely. Loosen chain by turning adjusting screw counterclockwise.
- 4. After chain tension is correct, tighten guide bar nuts firmly. If not, guide bar will move and loosen chain tension. This will increase the risk of kickback, this can also damage saw, Note: a new chain will stretch, check new chain after first few minutes of operation. Allow chain to cool down. Readjust chain tension.

#### WARNING

Do not over tension the chain as this will lead to excessive wear and will reduce the life of bar and chain. Over tensioning also reduce the amount of cuts you should get.

# **Avoid jamming**

Always cut into the compression wood first until the cut starts to close. Always make the compression cut beneath if the log or limb is suspended from one end, and on top if it is supported at both ends, cut from

the other side towards the compression cut, make a habit of using a wedge to prevent the compression cut jamming tight on the chainsaw blade.

# 7. OPERATION

Start up

- 1. Remove the bar cover
- 2. Install the battery cartridge
- 3. Hold the electric chain saw by its grip with hands.
- 4. To start the chainsaw, press the lock-off button (7) (fig.1) On the trigger switch.
- 5. To stop the chain saw, release the trigger switch.

## WARNING!

Hold the electric chain saw with hands until the chain is completely still. Do not touch chain till it has stopped turning and power is switch OFF.

#### Operating the electric chain saw

#### Safe chainsaw operation

While cutting, always:

run the chainsaw motor at full revs, this makes the job safer, as these is less chance of pull-in or kick-back.

Position your body to the left of the chainsaw so if it kicks back uncontrollably. It goes over your right shoulder.

Keep a firm grip with your left hand on the front handle, with your thumb securely below the handle.

The swivel of your wrist in a kick-back situation will activate the chain brake.

Make sure the chain is tensioned correctly.

Observe the size of wood shavings, if they become dusty your chain could need sharpening.

#### Trimming a tree(pruning) (fig.7)

WARNING! Avoid kickback, kickback can result in severe injury or death,

**WARNING!** Do not operate chain saw while In a tree.

On a ladder or any other unstable surface

In any awkward position

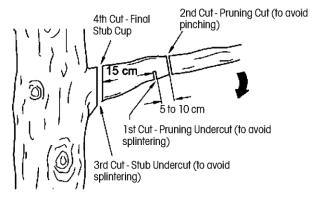
You may lose control of saw causing severe injury.

**WARNING!** Do not cut limbs higher than your shoulders.

Trimming a tree is the process of cutting limbs from a living tree, makes sure your footing is firm keep feet apart. Divide your weight evenly on both feet. Follow directions below to trim a tree.

- 1. Make first cut 15 centimetres from tree trunk on underside of limb, use top of guide bar to make this cut. Cut 1/3 through diameter of limb.
- 2. Move five to ten centimetres farther out on limb, make second cut from above limb. Continue cut until you cut limb off
- 3. Make third cut as close to tree trunk as possible on underside of limb stub. Use top of guide bar to make this cut. Cut 1/3 through diameter of stub.
- 4. Make fourth cut directly above third cut. Cut down to meet third cut, this will remove limb stub.

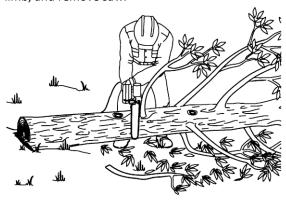
**CAUTION!** Seek professional help if facing conditions beyond your ability.



# Limbing a tree (Fig. 8)

Limbing is removing branches from a fallen tree. Make sure your footing is firm, keep feet apart., divide your weight evenly on both feet, do not remove larger limbs under tree that support log off ground, remove each limb with one cut. clear cut limbs from work area often, this will help maintain a safe work area.

Make sure you start your cut where limb will not pinch saw during cutting. To avoid pinching, start cut on freely hanging limbs from above limb, start cut on limbs under tension from under limb, if pinch occurs, turn saw off, lift limb, and remove saw.



## 8. CLEANING AND MAINTENANCE

## **Cleaning saw body**

Warning! Unplug chain saw from power source before servicing, sever injury or death could occur from electrical shock or body contact with moving chain.

Warning! Cutting edges o chain are sharp, use protective gloves when handling chain.

Warning! Cleaning saw body.

Do not submerge saw in any liquids.

Do not use products that contain ammonia, chlorine, or abrasives.

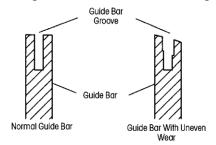
Do not use chlorinated cleaning solvents, carbon tetrachloride, kerosene, or gasoline.

Keep saw body clean, use a soft cloth dampened with a mild soap and water mixture, wipe saw body to clean.

## Care of guide bar (fig.9)

Uneven bar wear causes most guide bar problems, incorrect sharpening of chain cutter and depth gauge settings often cause this, when bar wears unevenly, it widens guide bar groove, this causes chain clatter ad river popping. Saw will not cut straight, replaces guide bar if this occurs.

Inspect guide bar before sharpening chain. A worn or damaged guide bar is unsafe. A worn or damaged guide bar will damage chain, it will also make cutting harder.

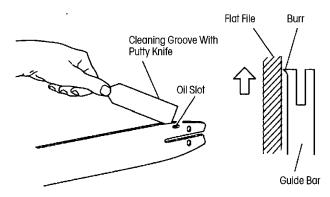


# Normal guide bar maintenance (fig.10)

- 1. Remove guide bar from chain saw.
- 2. Remove sawdust from guide bar groove periodically. Use putty knife or wire,
- 3. Clean oil slots after each day of use.
- 4. Remove burrs from sides of guide bar. Use flat file to make side edges square.

Replace guide bar when Bar is bent or cracked.

Inside groove of bar is badly worn.



# Chain sharpening (fig.11.&fig.12& fig.13)

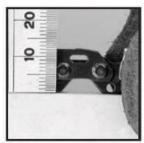
**WARNING!** Always ensure that the tool is switched off ad the plug is removed from the power point before making any adjustments or maintenance procedures.

The chain requires sharpening when the chain saw does not cut appropriately. This operation is performed as follows:

- 1. Extend the chain bar.
- 2. Fix the bar in a vice so that the chain can slide.
- 3. Fit the file in a file holder and place it over the tooth at 350
- 4. File forward only until all the worn part of the tooth has been eliminated.
- 5. Count the file movements made on the first tooth and do the same on all the others, both right and left
- 6. After some sharpening the delimiting device on the chain will exceed the height of the cutting teeth, file the exceeding part by means of a flat file to round off the depth delimiting device.
- 7. Ensure that the chain is replaced before stretching to exceed the maximum adjustment of the chain saw bar.
- 8. 'Deep' filing should be performed with an electric file; we advise to use a service centre to perform this operation.
- 9. Ensure that the chain slides smoothly over the bar when pulled with hands, periodically sharpen chain and check the chain tension.
- 10. Bars with sprockets need frequent greasing which can be performed as follows:
  - Fill a syringe or similar device with grease for bearings.
  - Each time the saw is used grease through the hole provided near the bar tip until the grease penetrated onto the tip.
  - After 3 times of sharpening the chain, your should have it professionally sharpened, this will ensure that all the teeth are even.

To avoid damage to the motor, do not keep the chain saw running if the chain is lodged in the wood.







## 9. STORAGE

If you do not use the saw for a period exceeding 30 days, proceed as follows.

Empty the oil container.

Remove and clean the guide bar and the chain. Immerse the guide bar and the chain in a paraffin-based or soap-based cleaning bath.

Then dry the guide bar and the chain.

Place the chain into a container filled with oil. This will prevent it from corroding.

Slightly apply oil onto the guide bar.

Wipe the chainsaw body with a cloth. When cleaning, use a soft cloth soaked in a soap water.

Store the chainsaw.

- in higher racks or in locked premises out of the reach of children
- in a dry place

Keep all nuts, bolts and screws secure to be sure the pole hedge trimmer is in safe working condition.

#### WARNINGS AND SAFETY INSTRUCTIONS:

- WHEN USING ELECTRICAL APPLIANCES, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED:
- READ ALL INSTRUCTIONS BEFORE USE.
- FOR DOMESTIC OUTDOOR USE ONLY.
- BEFORE USE, CHECK THOROUGHLY FOR ANY DEFECTS AND DO NOT USE IF DEFECTS ARE FOUND. TAKE CARE
  NOT TO DROP THE APPLIANCE AS HEAVY IMPACTS MAY CAUSE INTERNAL DAMAGE.
- CHECK THE APPLIANCE AND POWER CABLE CAREFULLY FOR DAMAGE BEFORE EACH USE.
- THIS GARDEN EQUIPMENT IS RECOMMENDED FOR USE BY PERSONS OVER 18 YEARS OF AGE.
- KEEP AWAY FRMM CHILDREN
- THE USE OF ANY ACCESSORY OR ATTACHMENTS NOT SUPPLIED BY COOPERS OF STORTFORD MAY CAUSE INJURIES AND INVALIDATE ANY WARRANTY YOU MAY HAVE.
- DO NOT PLACE OR STORE NEAR HEAT SOURCES.
- DO NOT COVER THE ITEM IN ANY WAY WHEN IN USE AS THIS MAY CAUSE OVERHEATING.
- DO NOT USE THIS APPLIANCE FOR ANY OTHER USE THAN THE INTENDED USE IT IS DESIGNED FOR.
- ALLOW THE ITEM TO COOL THOROUGHLY BEFORE PUTTING ON OR TAKING OFF ACCESSORIES.
- TO PROTECT AGAINST ELECTRIC SHOCK, DO NOT IMMERSE POWER CABLE, PLUG OR APPLIANCE, IN WATER OR ANY OTHER LIQUID.
- SWITCH OFF WHEN NOT IN USE AND BEFORE CLEANING.
- DO NOT OPERATE ANY APPLIANCE WITH A DAMAGED POWER CABLE OR PLUG OR AFTER THE APPLIANCE MALFUNCTIONS OR HAS BEEN DAMAGED IN ANY MANNER.
- WE RECOMMEND THAT THE POWER CABLE IS NOT KINKED OR STORED IN A TWISTED MANNER, AND THAT YOU REGULARLY CHECK ITS CONDITION.
- ALWAYS USE AN RCD DEVICE WHEN CONNECTINIG ELECTRICAL GARDEN EQUPMENT TO THE MAINS SUPPLY.
- ANY REPAIRS MUST BE CONDUCTED BY A QUALIFIED ELECTRICIAN OR ELECTRICAL SERVICE AGENT.

## **PLUG WIRING (UK & IRELAND)**

This appliance is supplied with a mains adaptor/charger with BS1363 plug pins.

**DO NOT** use If the socket outlets in your home or office are not suitable for this product's mains adaptor/charger plug pins. Attempts to insert the mains adaptor/charger into the wrong socket is likely to cause electric hazard or damage. **DO NOT** use with any other mains transformer/charger than the one that is supplied with this product.

# CARE AND CLEANING INSTRUCTIONS

- Always switch off and unplug before cleaning.
- Do NOT immerse in water. Risk of electric shock.
- Do NOT use abrasive cleaners or sharp utensils to clean this appliance.
- Wipe surfaces with a soft dry cloth.
- Allow to dry thoroughly before further use.
- Store the appliance in a cool, dry place.

#### **BATTERIES**

- Keep batteries away from children and pets.
- Do not mix used and new batteries.
- Install batteries in accordance with its polarity symbols.
- Remove the batteries if left for long periods.
- Never dispose of batteries in a fire.
- Battery disposal, spent or expired batteries must be properly disposed of and recycled in compliance with local regulations. For detailed information, contact your local authority.
- Follow the battery manufacturer's safety, usage, and disposal instructions.

## 10. DISPOSAL

- Coopers of Stortford use recyclable or recycled packaging where possible.
- Please dispose of all packaging, paper, cartons, packaging in accordance with your local recycling regulations.
- At the end of the product's lifespan please check with your local council authorised household waste recycling centre for disposal.



# **DECLARATION OF CONFORMITY**

ITEM CODE: M620 20v CORDLESS RECHARGEABLE SAW

Model: CS06-20 DC 20,0V (battery powered); length 100mm; Class III

is in conformity with the essential requirements and other relevant provisions of the applicable European

Directives, based on the application of European harmonized standards.

Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);

Machinery Directive: 2006/42/EC, 2014/30/EU, 2011/65/EU, 2000/14/EC amended by 2005/88/EC

Directive LVD 2006/42/EC Directive EMC 2014/30/EU

EU Noise Directive 2000/14/EC amended by 2005/88/EC Annex III Part A & Part B item 6 Chain saw

Directive RoHS: 2011/65/EU Directive with its Amendments (EU) 2015/863

## Standards:

EN 62841-1:2015+A11 EN ISO 12100:2010 EN IEC 55014-1:2021 EN IEC 55014-2:2021

Noise: LPA = 91 dB(A), LWA = 94 dB(A)



Keeper of the Technical Documentation: Dingqi Ran, Ningbo Zhongchuang Tools Co.,Ltd. The undersigned acts on behalf of the company CEO,

# Dinggi Ran

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UK: The Enterprise Department Ltd.

11 Bridge Street, Bishops Stortford

Herts, UK, CM23 2JU Tel: 0330 331 0300

NI/EU: D.S.B. LD, 160 Bd. de Fourmies, 59100 Roubaix, France

Tel: (+44) 1279 701269

DE/FR/CZ/SK: Hergestellt für 3Pagen Sankt-Joeris-Strasse 16-28

53477 Alsdorf

Tel: +49(0)2404/980-204