

Please tightly hold this tool and this tool has a front any contact with the workpiece, and then start the protection In order to make the cutting smooth, please keep the

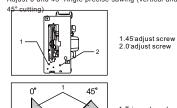
cutting saw line straight and the speed of the saw blade advancing at the same time. If the cutting is not biade advancing at the same time. If the cutting is not carried out correctly along the cutting line you set, do not try to twist the tool or force the tool to return to the cutting line, otherwise the saw blade may get stuck on the cutting material and cause dangerous rebound, which may cause serious injury. Release the cutting tracers of th the switch trigger and wait for the saw blade to stop, then withdraw the tool from the cutting material, realign the tool on the new cutting line, and then restart cutting. The operator should try to avoid standing in a position that will be exposed to the debris and wood chips produced by the circular saw. At the same time, the use of safety glasses can help avoid injuries.

Guide ruler

The included saw guide helps you make ultra-accurate straight cuts. Simply slide the saw guide up along the side of the workpiece, and then use the clamping screw on the front of the base to fasten it in place. The cutting saw guide plate can also be used

Maintenance Attention · Before assembling the tools, power off the tools and

Clean the upper and lower cover to ensure that there is no accumulated sawdust that could impede the operation of the lower cover system. A dirty handle and a rear handle. At the same time, please use the two handles to firmly grasp the tool. If you hold the circular saw with both hands, it will not be cut by the saw blade. Place the tool base on the workpiece to be cut, and the saw blade must not have wear appropriate safety glasses and respirator tool and wait until the saw blade reaches full speed and perform the operation again. Now, you only need to move the tool forward on the surface of the workpiece to keep it smoothly and forward until the



1.Triangular rule

The tool has made the adjustment before they go out. But if not do the adjustment, use a hexagonal wrench to adjust then screw, and then use a triangle and square to check if the saw blade and the base are at 0° and 45°. And you can use a 45° stopper to adjust the angle of 45°.

Adjust miter guide plate

1.Miter guide plate 2.Screw 3.guide plate

they go out the factory. But if found the tool is not adjusted, you can adjust it according to the unscrew the two screws. Set the base to a 0°

plate with the guide plate on the base.

the product, all service, and any other maintenance or adjustments need to be performed by our authorized service center and use our factory's replacement parts.

angle and align the 0° line on the inclined guide

Accessories Saw blade \*1 Guide ruler \*1 Scale bar \*1

BROTO original battery and charger

**Environmental protection** 



aterials must be classified in detail to facilitate and recycle. order to facilitate classification and recycling, all plastic parts are marked with material.

## **Component list**

Serial No.	Name	Number	Serial No.	Name	Numbe
1	Thin head semi-tubular rivets	2	26	Bearing pedestal	1
2	Round head square neck screw	1	27	Cross recessed countersunk head screw	2
3	Angle brackets	1	28	Movable cover tension spring	1
4	baseboard	1	29	Movable cover	1
5	Scaleplate	1	30	Movable cover button	1
6	Plain washer	2	31	External circlip	1
7	Angle locking knob	2	32	Internal press plate	1
8	Cross pan head screw	1	33	Cross recessed pan head tapping screw	8
9	Lock screw	1	34	Blade	1
10	Shaft lock spring	1	35	External pressure plate	1
11	Depth indicator	1	36	Hexagon flange bolts	1
12	Tapping screw	1	37	Cross recessed pan head tapping screw	5
13	Shaft lock	1	38	Handle	1
14	Shaft lock spring	1	39	Cross recessed pan head screw	5
15	Locknut	1	40	ON/OFF switch	1
16	Seal ring	1	41	Brake rod	1
17	Fixed shield	1	42	Lampshade	1
18	Deep groove ball bearing	1	43	Bracket motor	1
19	Big gear	1	44	Brushless motor module	1
20	Damper	1	45	Housing	1
21	Shoulder screw	1	46	cross recess pan head screw	3
22	Output shaft	1	47	Battery pack	1
23	Shaft screw	1	48	Wrench	1
24	Circlip for hole	1	49	Guide ruler	1
25	Deep groove ball bearing	1	50	Brake lever spring	1

BROTO My Tool, My Bro!

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Brushless Lithium Hand-held mini Saw CQ-0006 Instruction

### Brushless Lithium Hand-held mini Saw CQ-0006

Parameter				
Model No.	BR-Y0006			
Voltage	20V			
No-load speed	7200RPM			
Blade Diameter	125MM/5"			
90° Cutting depth	42.5MM			
45° Cutting depth	30MM			
Weight	1.5KG			

to ols should not use any conversion plug. Unmodified plugs and matching sockets will reduce the risk of electric shocks.

2. Avoid human contact with grounding surfaces, such as pipes, heat sinks, and refrigerators. There is an increased risk of electric shock if your body touches the ground surface.

3. Do not expose power tools to rain or moisture. Water entering power tools increases the risk of electric shocks.

4. Do not abuse the flexible wire. Never use the flexible wire to carry, pull the power tool or pull out its plug. Keep cords away from heat sources, oil, sharp edges or moving parts. Damaged or wound cords increase the risk of electric shock.

5. Use extension cords suitable for outdoor use will reduce the risk of electric shocks.

attention to your footing and balance. This will give better object to you better control over power tools in unexpected situations.

5. Derss appropriately and avoid loose clothing or accessories. Keep your hair and clothes away from ong parts. Lose efftige toose fitting clothes away from long hair may get involved in the moving parts.

7. If a device is provided to connect to the dust removal and dust collecting devices can reduce the hazard caused by dust particles.

8. Don't let the familiarity of frequent use of the tool cause you to ignore the safety guidelines of the tool. Acareless action can lead to serious injury in an instant.

# General safety warning for 6. If operation of power tools in wet conditions cannot be avoided. Use a nower supply with reciding

B. Electrical safety
1. The electric plug must match the socket. The plug must not be modified in any way. Grounding power tools should not use any conversion plug. Unmodified plugs and matching sockets will reduce the risk of electric shocks.

2. Avoid hymoge cent at the conversion of the conversio

General safety warning for power tools.

Warning! Read all safety warnings, instructions, drawings and regulations that come with power tools. Failure to follow the instructions listed below can result in motor, fire and serious injury.

Save all warnings and instructions for review. In all of the warnings listed below, the term "power tool" refers to either mains driven (wired) power tools robattery driven (wireless) power tools.

A. Workplace safety

1. Keep the working area clean and bright.Cluttered and dark Spaces can cause accidents.

2. Do not operate power tools in an explosive environment, such as flammable liquid, gas or dust. Sparks from power tools can ignite dust or gas.

3. Keep away from children and bystanders when operating power tools. Lack of concentration can cause you to lose control of your tools.

B. Electrical safety

3. Before making any adjustments, replacing 3. Before making any adjustments, replacing accessories, or storing power tools, remove the plug from the power supply and remove the battery. This protective safety measure reduces the risk of accidentally starting power tools.
4. Store unused power tools out of the reach of children and do not allow them to be operated by people who are unfamiliar with power tools and do not understand the instructions. Power tools can be done out to the power tools and be done out to the power tools. dangerous in the hands of untrained users.

5. Maintain power tools and accessories. Check for moving parts that are in place or stuck, parts that are damaged and other conditions that affect the operation of power tools. If damaged, the power tool should be repaired before use. Many accidents are caused by poorly maintained power tools. angerous in the hands of untrained users. should be repaired before use. Many accidents are caused by poorly maintained power tools.

6. Keep cutting tools sharp and clean. A well-maintained tool with a sharp cutting edge does not jam and is easy to control.

7. Select power tools, accessories, tool heads, etc. according to operation to the performed. Using power tools for operations to be performed. Using power tools for operations that are not appropriate for their purpose can lead to dangerous situations.

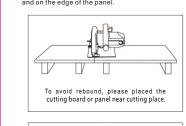
8. Keep handle and holding surface dry, clean and free from grease. In the event of an accident, a slippery handle does not guarantee secure grip and control of the tool.

Do not force the use of power tools, according to the use of appropriate power tools. Choosing the right power tools designed according to the rating will make your work more efficient and safer.
 If the power switch cannot be switched on or off, do not use the power tool. Power tools that cannot be controlled by switching are dangerous and must be repaired.

E. Battery tools and precautions 1. Use only the charger battery specified by the manufacturer.Chargers that work in one battery pack may be a fire hazard when used in other battery

5. When the cutting tool during operations may come into contact with the hidden wires, please hold the insulation of the electric tool grasping surface only. Come into contact with the 'charged' wire, tools on exposed me

Brushless Lithium hand-held mini saw use of safety warning Do not use hand to the workpiece under the shield at the bottom of the artifacts without met saw blade



battery packs. Use of other battery packs may be a hazard of injury and fire.

3. When the battery pack is not in use, keep it away from other metal objects such as paper clips, coins, keys, nails, screws, or other small metal objects to prevent one end of the battery pack from connecting to the other. A short circuit at the end of the battery pack may cause combustion or fire.

4. Under abusive conditions, liquid may spill out of the battery pack. Avoid contact. If accidental contact with liquid, rinse with water. Seek medical attention if fluid touches the eye. Liquid spilled from the battery may corrode or burn.

5. Do not use damaged or modified batteries or the pattern was provided by the potential parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be "charged" and make the exposed metal parts will be allevite, so c. Euting saw, please always use cutting saw pulses can improve the cutting precision and reduce the possibility of saw blade binding.

7. Please always use the correct shaft hole size and shade binding.

8. Do not use damaged or incorrect saw blade washer or bolt. Saw blade gasket and bolts must be decided for circular saw, local circular saw blade to until or control.

8. Do not use damaged or incorrect saw blade washer or bolt. Saw blade gasket and bolts must be decided for circular saw. Jone "charged" and make the carrect should be precision and reduce the possibility of saw blade binding.

9. Do not use damaged or incorrect saw blade washer or bolt. Saw blade gasket and bolts must be decided for circular saw. Jone "circular saw bl may corrode or burn.

5. Do not use damaged or modified batteries or tools. Damaged or modified battery packs can have unpredictable results, resulting in fire, explosion, or injury.

6. Do not expose the battery pack to fire or high

- When the saw blade is compressed or binding on the saw cut, saw blades will stop movement, motor reaction driven tool rebound rapidly towards the source of the saw cut, saw blade without polishing or placed incorrectly can make the kerf narrow, lead to too much friction, binding or reaction driven tool repoture rapidly towards the operator.

If the blade is distorted or cutting direction deviation, the saw blade on the back of the tooth rim may enters the top surface, wood saw blades from the saw cut or to the operator.

Wrong operation, incorrect operation or operating conditions will lead to a rebound, comply with the following tips described above can be avoided.

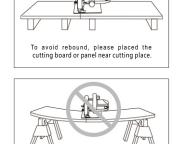
Please hold the handle firmly when using a circular saw, adjust the arm position to prevent the rebound. The body can be located on either side of the blade, but not with the saw blade in a straight line. Rebound can make the circular saw jump out, but with the right operation, the operator can control the rebound.

the rebound.

2. When the cutting operation interrupted or the blade being stuck, please release the trigger and keep circular saw in cutting material, until the blade stopped completely. When the blade is in motion, do not attempt to remove the circular saw or pull the tool, otherwise it may cause rebound. To study and take the right measures to avoid blade binding.

3. When restart the circular saw, put the blade in the centre of the kerf, and check whether the sawtooth is fitting the material. When the circular saw starting again after a possible stuck, the saw blade may move along the slot or rebound from the workpiece.

4. Please try to use larger support panel to minimize hole shrinkage and rebound. Large panel will sag under its own weight. Must place strutting piece below the panel near the cutting line on both sides and on the edge of the panel.



saw. Just push in edictuals aw loward at a certain speed, make it cutting forward in a stable status. Applying too much pressure on circular saw will result in uneven cutting, reduce the cutting precision, and could lead to a rebound. Functions of the protective cover

1. Properly closed. If the lower shield can't move freely and quickly closed, please do not use the circular saw. Do not put the bottom cover in the open position. If the circular saw falls accidently, a bottom cover would bend up. Make sure that it could move freely in different Angles and depths in cutting operations, and never touch blade or any other parts. parts.

2. Check the condition of the shield spring. If the spring do not work, must repair it before next operation. If damaged, binding or accumulation of debris, the shield may become blunt and dull.

3. The lower shield should be manually pullback when doing operations like "plunge cutting" or "composite cutting". Rise the bottom cover, once the saw blade goes into the cutting material, release the lower shield. For other cutting operations, the shield should be automatically operated.

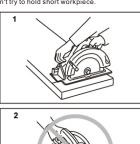


cutting the objects in its path. Please note the time required from the switch trigger release to the blade op point.

Please open the bottom cover with your hands and check the details, then loosen and view the shield. Also check the handle, ensure that it will not touch the shell. An exposed blade is very dangerous, it may cause serious physical injury.

Additional safety warning
1. Cutting damp wood, pressurized wood or tree contains node, please be careful. Keep smooth driving tool and not reduce the blade speed to avoid the saw tooth overheating.

2. When saw blades are moving, please do not try to remove the cutting material. Please wait until the blades stopped completely and then grab cutting material. After the power was turned of blade also

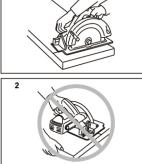


5. After finished cutting and before put down tools, lease ensure lower cover is closed, and saw blades to a 6. Do not attempt to use vise poured with a circular saw sawed and operation. It is very dangerous, can lead to

will move a distance.

3. Be careful not to cut the nails. Please check whether there is nail on the wood before cutting and remove it.

4. During cutting, do not place the wider side of the circular saw on top of the part to be cut. For example, figure 1 shows the rinht way of care.





gasoline.

12. Please wear dust mask when using tools and protection earmuffs. ⚠ Warning:
Do not for convenience or familiar enough for products (due to repeated use) and not strictly follow the relevant product safety rules.Improper use or does not follow the instructions of safety rules will

result in serious personal injury. Important security considerations of the battery pack

1. Before any maintenance, must first take out the battery pack.

2. Forbidden put the machine in rain or water.

3. Do not stored the battery pack higher than 40 environment.

environment.

4. Charging under the environment of 0 to 30, ideal charging temperature is 18 °C to 24 C.

5. Use only the charger and battery comes with this product.

6. To avoid battery short circuit. (such as: don't let the bolts, nails, etc. access to the battery positive and negative).

7. Forbidden combustion battery pack or abandoned in the fire, will cause explosion. 3. Forbidden to charge the damage battery. 9. If the charger's power cord is damaged, please

Switch operation

14. Waste battery pack must be sent to the local collection points.

15. Keep alert, when operating a power tool must be conscious attention in operation. Please do not operate the machine under fatigue, drugs, alcohol or therapeutic reaction. Avoid to cause serious personal injury.

18. Warning: The sent to the local solution before install the battery pack to the tool, please be sure to check the switch if you can pull the trigger freely and loosen it freely when you return to the closed position.

19. Please do not pull the switch time.

Yuelu District, Changsha, Hunan, China

▲ Warning: The battery pack under the condition of the temperature too high or excessive use, leakage phenomenon could occur. If the battery with liquid into the skin, wash with soap; If accidentally touch the eyes, rinse with water immediately. And immediately to the hospital for treatment.

Function pack if you want to adjust or inspect tool function.

Install & Remove the battery 

Attention
\*Before you install or remove the battery, be sure to shut

down power tools.
\*Please hold tools and battery when install or remove cause personal injury.

When removing the battery pack, you need to press the button of the front side and remove the battery pack from the tool.

When installing the battery, please align the batteries place, then push the slide in place. Insert them completely in place until the battery is locked and emit audible.

Attention
Please make sure the battery pack is fully inserted into the tool, otherwise it may accidentally fall off from the wrong way. battery remaining power, battery rem when the battery pack can not easy to remove, please battery capacity are shown in table below.

2 1.ON/OFF Switch

In order to avoid the user accidentally pulled the switch trigger, this tool uses the locking lever. When you need to start the tool, please press the locking lever, then pull the switch trigger and loosen the switch trigger. Loosen the switch trigger tool that is

↑ Warning:
For your security, this tool is equipped with a locking lever, can prevent the tool to start. If you just pull the trigger switch without press the locking lever, the tool is running. And please do not use this tool and please send it to the service center to correctly Do not seal lock rod or abolished its purpose and

Show status of the battery

When opening the tool battery indicator that shows battery remaining power, battery remaining

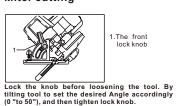
 $\circ \bullet \bullet \bullet$ 75%-100% 50%-75%  $\circ \bullet \bullet$ 25%-50%  $\circ$ 0%-25%

> Adjustment of cutting depth ▲ Attention
> Please be sure to tighten lock knob, when you adjusted the cutting depth.

2

Loosen the hand side after locking knob, and you can move mobile base up or down. When you can move mobile base up or down. When you choose the correct cutting depth and you need to tighten rod to tighten the tool base. To make cutting cleaner, safer, please note the cutting depth cannot exceed the position of a serration under the tool. Dangerous rebound will lead to personal injury, and if you use the correct cutting depth may help reduce rebound.

Miter cutting



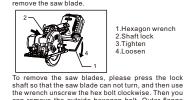
For linear cutting, you need to align the 0 position o ORED ● GREEN

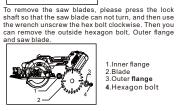
45" cutting, please send 40 pushion and usuang mile alignment. The position of the top plate can be adjusted.

2 4 5

Assembly Attention
Please be sure to close the tool and remove the battery pack, if you want to make any assembly tools before operating.

Remove or install the saw blade Attention
When installing a saw blade, please make sure the sawtooth up to the front of tool.
Please use only our company's wrench to install or remove the saw blade.





When installing the saw blade, it can be started by the reverse steps when disassembling. Please be are to tighten the bey holt counterclockwise. When

Brushless Lithium Hand-held mini Saw CQ-0006

4

change it in time.

10. Before remove the battery, be sure to unplug the

charger plug.

11. When charging, the charger and battery pack

fever is a normal phenomenon.

12. If do not use the machine, please do not insert the battery to charger.

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