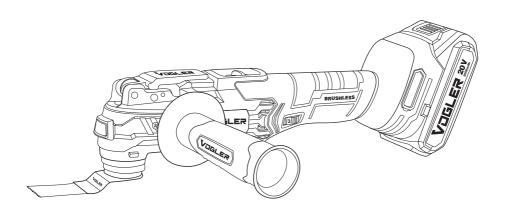


V10343



BRUSHLESS MULTI-FUNCTIONAL TOOL 20V



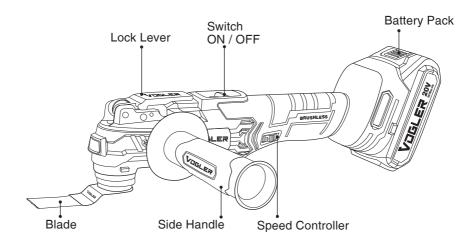


SPECIFICATION

Model	V10343
Dimension	290×75×92mm
Voltage	20V
Battery Type	lithium
Battery Capacity	2.0Ah
Motor Type	Brushless
Oscillation Angle	4.2°
Max Speed	20000RPM
Min Speed	8000RPM
Soft Start	YES
Charging Time	1h
Body Material	Metal, Plastic, Aluminum
Net Weight	2.35Kg
Total Weight	2.85Kg
Include	Battery Pack 2pcs charger 1pc saw blade 1pc stainless scraper 1pc sanding disc 1pc sanding paper 3pcs



PART LIST



GENERAL POWER TOOL SAFETY



Please read all the safety warnings, instructions, and regulations provided with this power tool carefully before using it. Failure to follow the instructions listed below, may cause fire or result in electric shock and/or serious injury.

Keep all warnings and instructions for future reference. The term "power tool" in the warning section refers to a commercially available (corded) tool or a battery-powered (cordless) one.

WORKPLACE SAFETY

- •Keep the workplace clean and well-lit. Working in disorganized and dark places can cause accidents.
- Do not operate cordless tools in explosive atmospheres such as near flammable liquid, gas, or dust as the sparks they generate can ignite dust or gas.
- •Keep the cordless tools away from children and bystanders during the operation. Being distracted, you might end up losing control of the tool.



ELECTRICAL SAFETY

- Avoid human contact with grounding surfaces, such as pipes, cooling fins, and refrigerators. Touching the ground surface will increase the risk of electric shock.
- Do not expose cordless tools to rain or damp environments. Water entering cordless tools will increase the risk of electric shocks.
- If operating a power tool in a damp location is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected supply. The use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- Stay alert and focused when working with power tools. Do not operate these tools when feeling tired or under the influence of drugs, alcohol, or medications. A moment of distraction or lack of attention can lead to serious injuries to the operator.
- •Using personal protective equipment is a MUST. Always wear safety glasses. Using dust masks, anti-slip safety shoes, safety helmets, hearing protection, and other PPEs based on necessity in different conditions, can reduce the risk of personal injury.
- Prevent accidental starting. Ensure the switch is off before connecting the tool to the power supply and/or battery pack, picking it up, or carrying it around. Putting your fingers on the switch while carrying the tool or energizing it when the switch is on can be dangerous.
- •Remove all adjustment keys or wrenches before turning the power tool on. Wrenches or keys left on rotating parts of the tool can lead to injury.
- Don't stretch your hands too far. Always pay attention to the foothold and body balance. This way you can control the electric tools better in case of an accident.
- Dress appropriately. Do not wear loose clothes or accessories. Keep your hair and clothes away from the moving parts. Loose clothes, accessories, or long hair may get caught in the moving parts.



• If a tool is to be used with chip removal and dust collection equipment, ensure that the equipment is well-connected and properly used. Properly using dust collection devices can reduce the dangers of dust.

TIPS ON POWER TOOL USE AND MAINTENANCE

- Choose power tools according to the purpose. This will enhance your efficiency and safety.
- If the switch doesn't turn the power supply on or off, the power tool should not be used. Power tools that cannot be controlled by switches, are dangerous and must be repaired.
- Before making any adjustments, replacing accessories, or storing the power tools, you must unplug the power supply and/or remove the battery pack (if detachable). This protective safety measure reduces the risk of accidental starting of the power tool.
- Store power tools out of children's reach and do not allow people unfamiliar with these tools and those who do not understand these instructions to touch them. Power tools are dangerous if used by untrained users.
- Maintain power tools and their accessories properly. Check whether the moving parts are in place or stuck, and check the parts for damage and other conditions affecting the operation. If damaged, repair the power tool before use. Many accidents are caused by poorly maintained tools.
- •Keep the cutting tools sharp and clean. A well-maintained tool with a sharp cutting edge is less likely to get stuck and is easier to control.
- Select the power tools, their cutting edges, and accessories according to the instructions in this manual and by taking the working conditions and tasks in hand into consideration. Using power tools for tasks they are not made for, can lead to dangerous scenarios.

BATTERY TOOL USE AND CARE

•Only use the charger specified by the manufacturer for charging. The charger used for one battery pack may cause fire hazards if used for



other packs.

- Only use battery packs specially designed for your tool. Using other battery packs may cause injury and fire hazards.
- •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. This prevents the negative and positive terminals from connecting and causing a short circuit which may start a fire or cause an explosion.
- If misused, the battery pack may start leaking. Avoid contact with the liquid and if you did by accident, rinse the contaminated skin thoroughly with water. In case of any contact with the eyes, you should also seek medical help immediately. The fluid spilled from the battery may cause irritation or burns.

REPAIR

- •Leave your tool in the hands of the professional maintenance personnel and make sure they replace the faulty parts with identical spare parts. This will ensure the safety of the power tool.
- Please follow the instructions in this manual, when applying lubricating oil and replacing accessories.
- Make sure handles are always dry, clean, and free of oil and grease.

CORDLESS MULTI-TOOL SAFETY WARNINGS

- This power tool is designed for sawing, cutting, grinding, and sanding. Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may cause electric shock, fire, and/ or serious injury.
- when performing an operation where the cutting accessory may contact hidden wiring, hold the power tool by the insulated gripping surfaces. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- •Use clamps or other practical ways to secure and support the



workpiece to a stable platform. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

- Always use safety glasses or goggles. Ordinary eyeglasses or sunglasses are NOT safety glasses.
- Avoid cutting nails. Inspect the workpiece for any nails and remove them before starting.
- Hold the tool firmly.
- Ensure that the tool is not in contact with the workpiece before turning on the switch.
- Keep hands away from moving parts.
- Do not leave the tool running. Only operate when held by hands.
- Always turn off the tool and wait for the blade to stop completely before removing it from the workpiece.
- Do not touch the tool or the workpiece immediately after the operation; they may be extremely hot and can burn your skin.
- Do not operate the tool at no load unnecessarily.
- Always use the correct dust mask/respirator for the application and material you are working with.
- •Some materials contain chemicals that may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier's safety data.
- •This tool is not waterproof, so do not use water on the workpiece surface.
- •Ventilate your work area adequately when you perform sanding operations.
- •When using this tool for sanding various products, paints, and wood, there's a risk of exposure to hazardous dust. Make sure to use appropriate precautions.
- •Be sure that there are no cracks or breakage on the pad before use. Cracks or breakages may cause injury.
- •Do not use accessories that are not specifically designed and recommended by the tool manufacturer. Just because you can attach an accessory doesn't mean it's safe to use.



- •Wear personal protective equipment. Depending on the application, use a face shield, safety goggles, or safety glasses. If required, wear hearing protectors, gloves, and a workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high-intensity noise may cause hearing loss.
- Keep bystanders at a safe distance away from the work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpieces or a broken accessory may fly away and cause injury even beyond the immediate area of operation.
- Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of your control.
- Avoid running the power tool while carrying it by your side. Accidental contact with the accessory could catch on your clothing, pulling the accessory toward your body.
- Do not operate the power tool near flammable materials. Sparks can ignite these materials.
- Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.
- •Before carrying out any work on the tool, make sure that the tool is switched off and unplugged or the battery cartridge is removed.
- Always ensure you have a stable footing. Also, make sure no one is below you when using the tool at elevated heights.

WARNING

DO NOT let comfort or familiarity with the product (gained from repeated use) replace strict adherence to safety rules for the subject product. Misusing or failing to follow the safety rules stated in this instruction manual may cause serious personal injury.



SYMBOLS

The following table shows the symbols used for the tool.

V	Volts
	Direct Current
n	Rated Speed
n°	No Load Speed
/ min r / min	Revolutions or Reciprocation Per Minute

IMPORTANT SAFETY PRECAUTIONS FOR BATTERY PACKS

- Before using the battery packs, please read all the instructions carefully. Also, pay attention to the warning signs on the products you are going to use the battery on.
- •Do not disassemble or modify the battery pack. Otherwise, it may cause fire, overheat, or explode.
- •If the runtime of the battery becomes too short, stop using it immediately. Otherwise, it may cause overheating, fire, and even explosion.
- If electrolytes enter your eyes, rinse them with clean water and seek medical attention immediately; otherwise, your vision may be damaged.
- •Do not short-circuit the battery pack: (1) Do not let any conductive material touch the terminals. (2) Avoid placing the battery pack and other metal objects such as nails, coins, etc., in the same container.
- (3) Do not put the battery pack in water or expose it to rain. A short circuit will generate a large current, cause overheating, and may result in fire or even breakdown.
- •Do not store battery packs in a container with other metal objects such as nails, coins, etc.
- Do not expose the battery pack to water or rain.
- A battery short can cause a large current flow, overheating, possible burns, and even a breakdown.



- •Do not store and use tools and battery packs in places where the temperature may reach or exceed 50°C (122°F).
- Do not burn the battery pack even if it is severely damaged or completely broken as it will explode in fire.
- •Be careful not to drop or strike the battery.
- Do not use damaged batteries.
- Follow your local regulations relating to the disposal of batteries.

TIPS ON MAXIMIZING THE BATTERY LIFE

- •Charge the battery pack before it fully discharges. When the tool's power is low, stop the tool and recharge the battery pack.
- Do not recharge a fully charged battery pack. Overcharging will reduce the battery's service life.
- •Charge the battery pack within a room temperature range of 10°C to 40°C (50°F to 104°F). Wait for the battery pack to cool down before recharging if it's hot.
- •If the battery is not used for an extended period (more than six months), recharge it once in a while.

OPERATION



WARNING

Before adjusting or checking the function of the tool for any changes or maintenance, be sure to cut off the power and take out the battery pack.



INSTALLING OR REMOVING THE BATTERY PACK





Before installing or removing the battery pack, ensure that the power supply of the tool is switched off.

MARNING

when installing or removing the battery pack, hold the tool and the pack tight. Otherwise, they may slip from your hands, get damaged, and/ or even cause personal injury.

When removing the battery pack, press the button located on the front side of the battery pack and pull it out of the tool at the same time. When installing it, ensure the tongue spring on the battery pack aligns with the groove on the cover. Then, push and slide it into place until fully inserted, locking it with a click. If the red indicator on the upper side of the button is still visible after insertion, it indicates that the battery pack is not fully locked.

WARNING

Be sure to fully install the battery pack until the red indicator is not visible. Otherwise, it may fall off accidentally from the tool and cause injury to yourself or others.



A WARNING

Do not force the battery pack in. If it is difficult to insert, you might be using an improper insertion method.

TOOL/ BATTERY PROTECTION SYSTEM

This tool is equipped with a tool/ battery protection system that is designed to automatically cut off the power, when needed, to prolong the life of the tool and battery. During operation, the tool will automatically stop running under the following conditions:

OVFRI OAD

The protection function will activate if the tool is operated in a manner that causes an abnormally high current. In that case, turn the tool off and stop the operation that has led to overload. Restart the tool afterward.

OVERHEAT

When the tool overheats, it will automatically stop running and the indicator will flash. In this case, wait for the tool and the battery to cool before restarting it.

OVER-DISCHARGE

This protection function will be activated when the battery gets too low on charge. In such cases, please take the battery out of the tool and charge it.

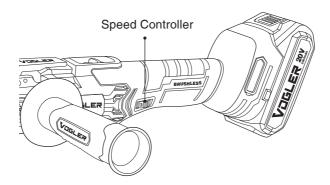
WARNING

Before inserting the battery pack into the tool, be sure to check whether the switch trigger can be pulled freely and can return to the "OFF" position when it is released.

To start the tool, slide the slide switch toward the "I (ON)" position. To stop the tool, slide the slide switch toward the "O (OFF)" position.



ADJUSTING THE ORBITAL STROKE RATE



The orbital stroke rate is adjustable. To change the orbital stroke rate, turn the dial between 1 and 6. The larger the number, the higher the orbital stroke rate is. Preset the dial to the number suitable for your workpiece.



The dial cannot be turned directly from 1 to 6 or, from 6 to 1. Forcing the dial may damage the tool. When changing the dial direction, always turn the dial moving it through each intermediate number.

ASSEMBLY



A WARNING

Always ensure the tool is switched off and the battery pack is removed before working on the tool.

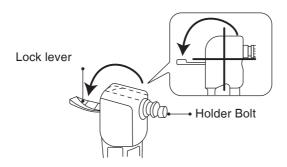
WARNING

- Do not install tools upside down. It may damage the tool and cause serious personal injury.
- Attach the accessories properly based on your task. The tools can be installed at 30-degree angles.

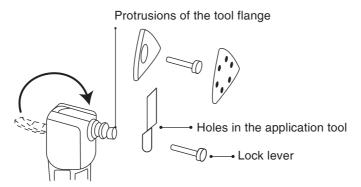


WARNING

- •Be careful when closing the lock lever. It may close suddenly and pinch your finger.
- •Clean up dust and perform lubrication on the moving part of the lock lever regularly. Otherwise, dust may accumulate in the moving part of the lock lever and hinder its smooth movement.
- Do not start the tool while the lever is open. The tool may be damaged.
- •Open the lock lever fully.



• Put an optional accessory on the tool flange so that the protrusions of the tool flange fit in the holes in the application tool.



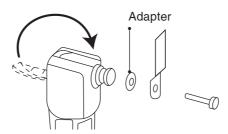
• Return the lock lever to its original position.





• When using a sanding accessory, mount it on the sanding pad so that it matches the direction. The sanding pad has a hook and loop type fitting system, allowing easy and rapid sanding paper fitting.

As sanding papers have holes for dust extraction, mount a sanding paper so that the holes in the sanding paper match those in the sanding pad. To remove a sanding paper, raise its end and peel it off. To remove the accessories, follow the installation procedures in reverse.



OPERATION



MARNING.

Before starting the tool and during operation, keep your hand and face away from the application tool.



MARNING

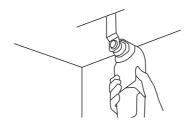
Do not apply excessive load to the tool which may cause a motor lock and stop the tool.



CUTTING, SAWING, AND SCRAPING

MARNING

Do not move the tool forcefully in the direction (e.g., towards either side) where there is no cutting edge. It may damage the tool.



Put the accessory on the workpiece. Then move the tool forward, so that the attachment does not slow down.

A NOTE

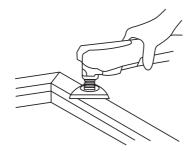
- Excessive force or pressure on the tool may reduce efficiency.
- •Before beginning the cutting operation, it is recommended to preset the orbital stroke rate between 4 - 6.
- Removing sawdust adequately increases work efficiency.
- •The round saw is recommended for cutting long straight lines.

SANDING

A CAUTION

- •Do not reuse sandpaper that has been used for metal to sand wood.
- •Do not use worn sanding paper or sanding papers without grit.





A NOTE

- •Using a test material sample is recommended for determining a correct orbital stroke rate suitable for your work.
- •Use sanding paper with the same grit until the sanding task on a certain workpiece is done. Replacing sanding paper with different grit sanding paper may not bring a fine finish.



Vogler Tools

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