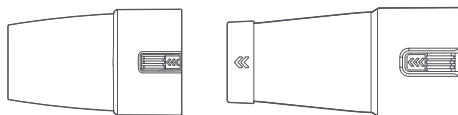
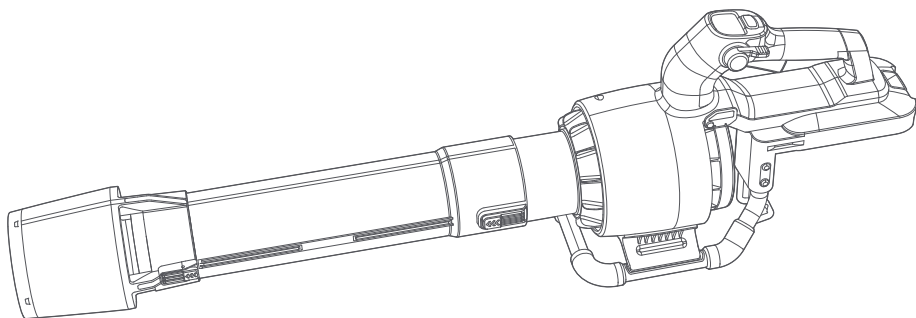


MOVA



60V 1700 m³/h Brushless Blower

Model Number: GB628 / GB628X

User Manual

⚠ WARNING: Thoroughly read and understand the manual before using this product. Save this user manual for future reference.

● Images are for reference only. Actual appearance may vary.

Table of Contents

1 Safety Instructions	4
2 Product Introduction	9
3 Assembly	12
4 Operation	13
5 MOVAhome APP	16
6 Maintenance	17
7 Troubleshooting	19
8 Specifications.....	20

1 Safety Instructions

1.1 General Power Tool Safety Warnings

⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

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

1.1.1 Work Area Safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

1.1.2 Electrical Safety

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not operate the machine in rain or wet conditions.** Water entering the machine may increase the risk of electric shock or malfunction that could result in personal injury.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

1.1.3 Personal Safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired**

or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

1.1.4 Power Tool Use and Care

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition**

that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

1.1.5 Battery Tool Use and Care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

1.1.6 Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

1.2 Garden Blower Safety Warnings

- **Do not use the machine in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- **Wear eye protection and ear protection.** Adequate protective equipment will reduce the risk of personal injury.
- **While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals.** This reduces the risk of injury to the feet.
- **Do not wear loose fitting clothing or articles such as scarves, strings, chains, ties, etc., that could get drawn into the air inlets. Tie back or cover long hair to make sure it does not get drawn into the air inlets.** If any of these items are drawn into the air inlets, it can increase the risk of personal injury.
- **Keep bystanders away while operating the machine.** Thrown debris can increase the risk of personal injury.
- **Never point the blower nozzle in the direction of people or pets or in the direction of windows. Use extra caution when blowing debris near solid objects, such as trees, automobiles and walls that can cause debris to ricochet.** Thrown objects can damage property and increase the risk of personal injury.
- **Do not use the machine to blow anything that is burning or smoking, such as cigarettes, matches or hot ashes.** These ignition sources may increase the risk of fire.
- **Do not touch the fan while still in motion. Turn off the machine and wait until the fan stops before removing any part that may give access to the fan.** This reduces the risk of injury from moving parts.
- **When clearing jammed material or servicing the machine, make sure the power switch is off.** Unexpected starting of the machine while clearing jammed material or servicing may result in serious personal injury.

NOTE: Although all reasonable and necessary safety measures have been adopted in the design, production, and testing of this power tool to minimize potential risks, due to the inherent characteristics of mechanical products and the diversity of usage scenarios, there may still be residual risks that cannot be completely eliminated.

1.3 Symbols and Decals

This section explains the safety symbols and decals that appear in this manual and on the product. Understanding these markings is essential for safe and proper operation.

Symbol	Explanation
	Indicates potential damage or personal injury hazard.
	To reduce the risk of injury, read and understand the User Manual before operating. Failure to do so may result in serious injury to the user and/or bystander.
	Maintain a safe distance.
	Wear a helmet, goggles, and ear protection.
	Wear protective gloves.
	Wear sturdy boots with nonslip soles.
	Guaranteed sound power level. Noise emission to the environment according to the European Community's Directive.
	Indicates compliance with applicable European directives.
	Do not dispose of electrical products with household waste. Recycle through authorized facilities.
IPX4	Indicates resistance to water splashes from any direction.
	Indicates compliance with electrical safety and EMC standards in Australia and New Zealand.
EAC	Indicates compliance with EAC regulations for sale in member countries.
	Direct current

2 Product Introduction

2.1 What's in the Box

Blower ×1
Long Tube ×1
Tapered Nozzle ×1
Siphon Nozzle ×1
Car-clean Nozzle ×1
Battery Pack ×1*
Charger ×1*
Shoulder Strap ×1
User Manual ×1
Warranty Card ×1

*The actual accessories supplied may vary depending on the product model, sales region, production batch, or package configuration.

NOTE:

- Examine the tool and accessories listed above for any signs of shipping damage.
- If any part is missing or damaged, contact the retailer or MOVA customer service.
- Retain the packaging materials until you have fully inspected and tested the product.

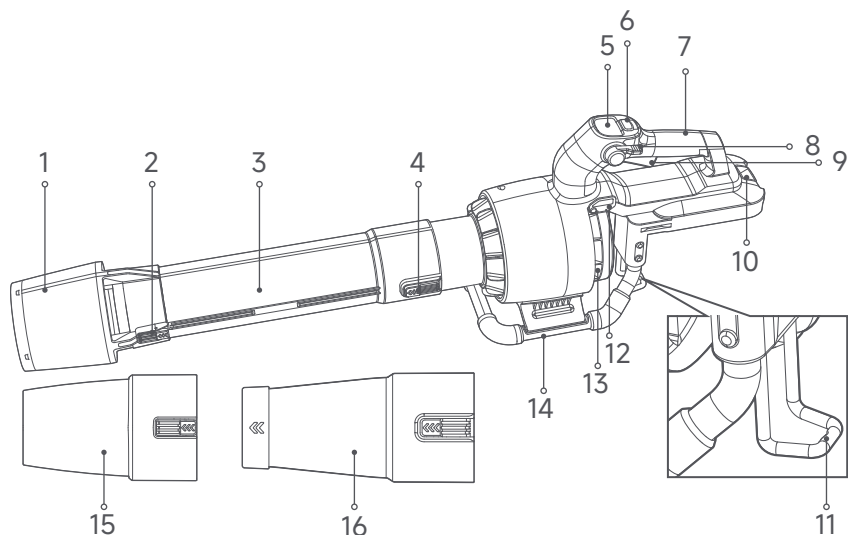
2.2 Recommended Accessories

⚠ WARNING: Use only the accessories listed below. Using non-approved accessories may result in poor performance or safety hazards.

Battery Pack	GBA625, GBA650
Charger	GCH606, GCH612

NOTE: For usage instructions of the battery pack and charger, please refer to the respective user manuals.

2.3 Product Overview



1	Siphon Nozzle	9	Variable Speed Trigger
2	Nozzle-release Button	10	Battery-release Button
3	Long Tube	11	Wall-mount Slot
4	Tube-release Button	12	Shoulder Strap Hanger
5	LED Screen	13	Air Inlet
6	Turbo Button	14	Base
7	Handle	15	Tapered Nozzle
8	Speed-lock Button	16	Car-clean Nozzle

2.4 Tube and Nozzle Selection

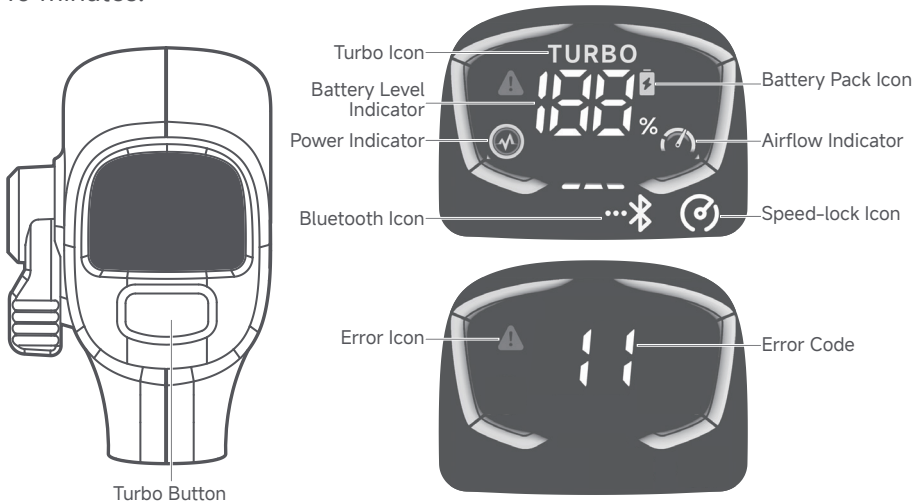
This blower includes multiple interchangeable attachments. Select the appropriate one based on the task to maximize cleaning efficiency and comfort.

- **Long Tube (with metal tip):** Provides balanced airspeed and airflow, suitable for general cleaning. The metal tip helps remove stubborn debris.
- **Tapered Nozzle:** Concentrates airflow for higher airspeed and impact force—ideal for removing heavier or stuck debris.
- **Siphon Nozzle (with metal tip):** Delivers higher airflow for quick cleanup of large areas. The metal tip helps remove stubborn debris.
- **Car-clean Nozzle:** Ergonomically designed for vehicle surfaces and interiors. The soft silicone tip ensures effective cleaning without scratching.

2.5 Control Panel

This section introduces the tool's function button and the screen display that indicates the product status.

NOTE: The screen turns off automatically if no operation is detected for 10 minutes.



Turbo Button	Used to engage Turbo Mode.
Bluetooth Icon	Lights up when the tool is successfully connected via Bluetooth.
Speed-lock Icon	Lights up when the speed-lock button is engaged. Indicates that the tool is running at a fixed speed without holding the trigger.
Battery Level Indicator	Displays the current battery level (%) when the screen is activated.
Battery Pack Icon	Lights up when the battery pack is properly installed and the display is on.
Power Indicator	Displays the current power output level of the tool.
Airflow Indicator	Indicates the current blowing force.
Turbo Icon	Lights up when the Turbo Mode is engaged.
Error Icon	Lights up when a system malfunction is detected.
Error Code	Lights up when a system malfunction is detected. Refer to the displayed error code to troubleshoot the issue or contact Customer Service for help.

3 Assembly

This product is delivered partially assembled and requires additional assembly before use.

⚠ WARNING: To avoid accidental starting that may cause serious personal injury, always remove the battery pack and make sure the motor has completely stopped before assembling or adjusting the tool.

⚠ WARNING: Do not assemble the tool if any parts are damaged or missing. Operating with damaged or missing parts may result in serious injury.

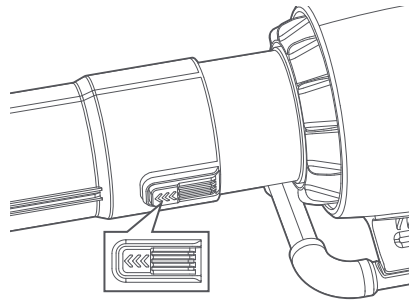
⚠ WARNING: Use only MOVA-approved accessories and parts. Unauthorized modifications or misuse may cause serious injury.

⚠ WARNING: Do not attempt to start the tool unless all components are securely installed.

3.1 Installing/Removing the Long Tube/Car-clean Nozzle

1. Align the tube-release button on the long tube with the peg on the blower housing, then push the tube onto the housing until it clicks firmly into place.
2. To remove the long tube, press and hold the tube-release button to pull the tube straight from the housing.

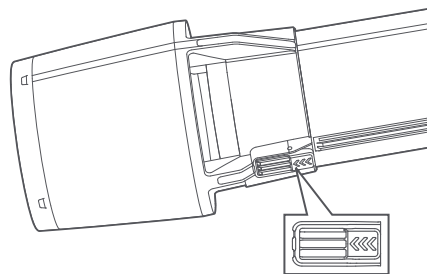
NOTE: Install the car-clean nozzle onto the blower as instructed above.



3.2 Installing/Removing the Tapered/Siphon Nozzle

NOTE: To use the tapered, or siphon nozzle, it must be properly installed onto the long tube.

1. Align the nozzle-release button on the nozzle with the peg on the long tube, then push the nozzle onto the long tube until it clicks firmly into place.
2. To remove the nozzle, press and hold the nozzle-release button to pull the nozzle straight from the long tube.



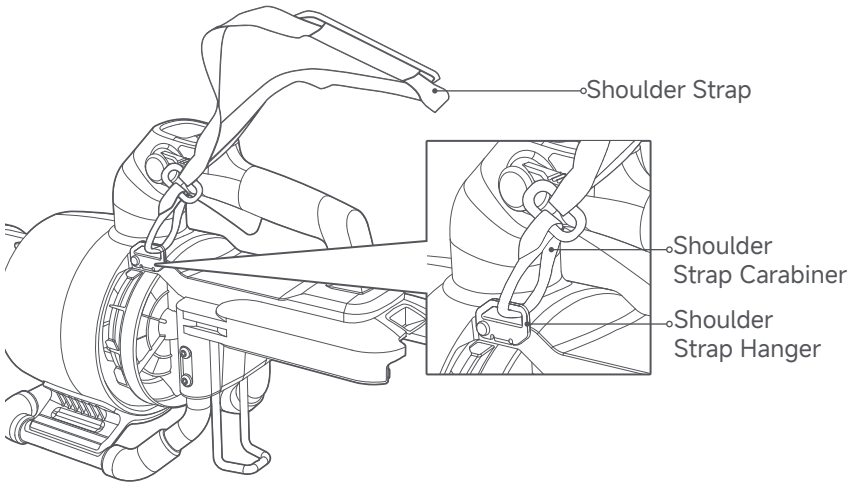
3.3 Wearing and Adjusting the Shoulder Strap

⚠ WARNING: Do not simultaneously wear multiple shoulder harnesses.

⚠ WARNING: Ensure that no other wearable interferes with the release and removal of the strap.

⚠ WARNING: When an emergency occurs, remove the shoulder strap immediately.

1. Wear the shoulder strap across your shoulder diagonally.
2. Press the carabiner on the shoulder strap to open it, and attach it to the shoulder strap hanger on the tool.
3. Adjust the shoulder strap length and placement to a comfortable operating position.



4 Operation

Before each use, inspect the blower carefully. Check for cracks or wear on the housing, long tube, nozzle, and intake cover. Ensure all parts are properly assembled and securely attached. Replace any cracked, bent, or worn parts.

⚠ WARNING: If excessive vibration occurs during use, stop the machine and inspect it for damage before continuing operation.

⚠ WARNING: This machine is intended to be operated from ground level only. Do not use it while on ladders, rooftops, or any unstable surfaces.

⚠ WARNING: Always wear appropriate personal protective equipment when operating the blower. This includes safety goggles, a dust mask or respirator (in dusty environments), hearing protection, long pants, and non-slip, closed-toe footwear.

⚠ WARNING: Do not wear loose clothing, jewelry, scarves, or any accessories that could become entangled in moving parts or drawn into the air inlet.

⚠ WARNING: Do not let familiarity from frequent use lead to carelessness. Always follow all safety guidelines and operating instructions.

4.1 Installing/Removing the Battery Pack

⚠ WARNING: Use only the battery packs specified in **Section 2.2**. Use of any other battery packs may create a risk of injury and fire. Fully charge the battery pack before first use.

⚠ WARNING: Do not use a damaged or modified battery pack. Damaged batteries can behave unpredictably and may cause fire, explosion, or injury.

To install

⚠ WARNING: Make sure that the battery pack is secured to the blower before beginning operation. Failure to do so could cause the battery pack to fall out, resulting in serious personal injury.

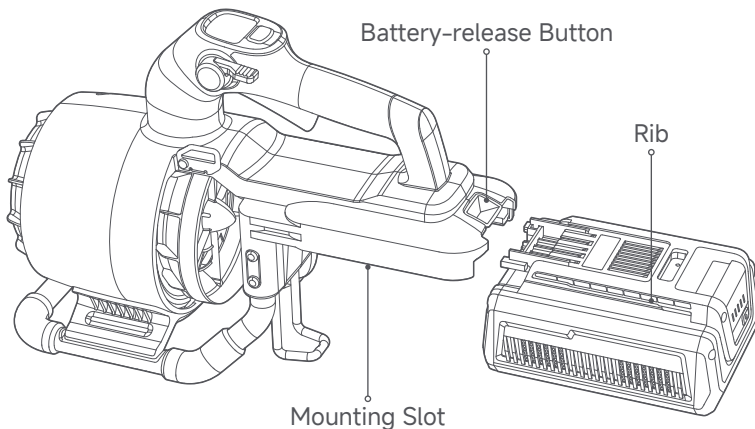
1. Align the ribs on the battery pack with the mounting slots in the tool.
2. Slide the battery pack in until it clicks into place.

To remove

⚠ WARNING: Do not hold the blower with the tube or nozzle facing upward when removing the battery pack. The battery pack may fall due to gravity, causing injury or damage.

⚠ WARNING: To avoid injury from a dropped battery pack, keep your feet clear of the battery's drop path and keep children or pets at a safe distance. Never remove the battery pack from a high position.

1. Hold the battery pack securely in the palm of your hand.
2. Press the battery-release button with your thumb to release the battery pack from the latch.
3. Pull the battery pack straight out of the tool.



4.2 Starting, Stopping, and Speed Adjustment

To start

- Press the variable speed trigger to start the blower.
- Apply greater pressure to the trigger to increase blowing speed.

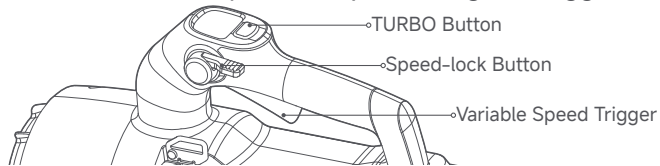
To lock the speed

- Pull the variable speed trigger to a desired blowing speed, press the speed-lock button, then release the trigger.

NOTE: To temporarily increase blowing speed beyond the locked speed, press the variable speed trigger further. Fully releasing it returns airflow to the locked speed.

To decrease speed or stop

- Pull the trigger less to reduce the blowing speed while unlocked, or press the speed-lock button again to release the speed lock, then ease off trigger pressure to decrease speed. Fully releasing the trigger stops the blower.

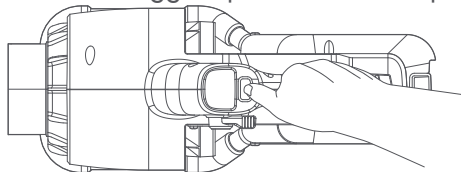


Turbo mode

1. Press and hold the Turbo button to activate Turbo mode during trigger speed control or when the speed is locked.
2. Release the Turbo button to exit Turbo mode. The tool returns to the trigger speed or locked speed.

Turbo cruise

1. Double-press the Turbo button to activate Turbo cruise during trigger speed control or when the speed is locked. This will lock the speed in Turbo mode.
2. Press the Turbo button or the speed-lock button again to exit Turbo cruise. The tool returns to the trigger speed or locked speed.



4.3 Usage Tips

- Hold the tube or nozzle approximately 20-25 cm above the ground during use.
- Sweep steadily from side to side to gather debris into a pile for easy disposal.
- Before blowing, loosen debris with a rake or broom. In dusty conditions, lightly moisten the surface if possible.

5 MOVHome APP

The MOVHome app allows you to monitor your tool's status, view total operation time, check cycle counts, access user guides, and identify potential issues.

5.1 Connecting to the MOVHome App


1. Scan the QR code below or search for "MOVHome" in the App Store or Google Play. Install the app, create an account, and log in.





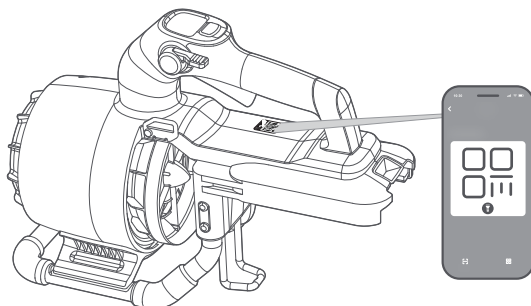
2. Open the MOVHome app and enable Bluetooth function on your mobile device.


NOTE: Please make sure that both the tool and your mobile device are within range of the same Wi-Fi network, and your mobile device is within 10 m of the tool.

3. Follow the instructions in **Section 4.1** to properly and securely install the battery pack into the tool, activating the tool's display screen.

4. Press and hold the  button on battery pack for 4 seconds to enter Bluetooth pairing mode. Then, pair the tool with your mobile device using one of the following two methods:

- **Scan QR code:** Go to  **Device** >  **Scan to Connect**, then scan the code on the tool as shown below.






- **Add Manually:** Go to  **Device** > **+** **Add**, then select your tool model.

5. Follow the in-app instructions to complete the connection. The Bluetooth Icon on the screen lights up when successfully paired.

5.2 Unbinding



The tool is automatically bound to the MOVAtHome account once pairing is successful. Each tool can only be bound to one account at a time.

To pair the tool with a new account, you need to unbind it first:


1. Open the MOVAtHome app and go to  **Device**.
2. If you have multiple tools bound to your MOVAtHome account, swipe left or right to access the page of the tool you want to edit.
3. Tap  next to the tool's name.
4. Select  **Delete**.

NOTE: Unbinding will permanently erase all user data associated with the tool from the cloud.


5.3 Sharing Your Tool


1. Tap  next to the tool's name.
2. Select  Device Sharing.


5.4 Logging out/Deleting Account


1. Go to  **Me** > **Settings** > **General** > **Account**.
2. Select **Log Out** or **Delete Account**.

6 Maintenance


 **WARNING:** Make sure the tool is turned off and the battery pack is removed before servicing, cleaning, changing attachments, transporting, or storing. Failure to do so may result in serious personal injury.


 **WARNING:** Have your power tool serviced by qualified personnel using only identical replacement parts. Improper repairs may result in serious hazards.

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

 **WARNING:** All servicing not described in this manual should be carried out by authorized service personnel.

6.1 Cleaning

 **WARNING:** Never immerse the blower in water or spray it with high-pressure water. This may cause an electric shock or internal damage.

 **WARNING:** After cleaning, ensure all components are completely dry before reassembly or storage. Moisture may cause electric shock.

 **CAUTION:** Avoid using commercial solvents when cleaning plastic

parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use.

- After each work, use a clean, dry cloth to wipe the blower's exterior surface, removing dust, mud, and sweat marks.
- Use a soft brush to sweep debris from the air inlet and outlet vents.
- Detach the attachment and wipe its inside and outside with a damp cloth.

6.2 Transporting and Storing

⚠ WARNING: Store the blower indoors in a dry, secure location, out of the reach of children. Failure to do so may result in fire, electric shock, or personal injury.



⚠ CAUTION: Store the blower away from corrosive substances such as garden chemicals or de-icing salts. Exposure to such agents may damage the tool.

⚠ CAUTION: Ensure the blower and all accessories are clean and completely dry before storing to prevent mold growth, corrosion, or electrical failure.


- Use the designated grip area on the blower for balanced and secure carrying.
- Remove the tube, the nozzle, or both before transporting the tool.
- When transporting the blower by vehicle, wrap it and its accessories in a soft cloth or protective padding to prevent scratches and impact damage.
- Use the blower's wall-mount slot to hang it securely on a sturdy hook for vertical storage.

7 Troubleshooting

ISSUE	CAUSE/ERROR CODE	SOLUTION
Blower does not work	The battery pack is not attached or is attached incorrectly to the tool.	Attach the battery pack securely to the tool.
	The battery pack is depleted.	Charge the battery pack.
	The battery pack is overheated. (Error code E01)	Allow the battery pack to cool below 65°C (149°F).
	The tool is overheated. (Error code E07)	Allow the tool to cool below 65°C (149°F).
	Damaged variable speed trigger	Contact MOVA Customer Service for repair.
	Battery pack malfunction (Error code E11)	Contact MOVA Customer Service for help.
	Blower malfunction (Error code E13/E16/E18)	Contact MOVA Customer Service for help.
Speed lock mode cannot be turned on or off	Damaged speed-lock button	Contact MOVA Customer Service for repair.
Only the bottom two airflow bars are shown when the trigger is fully pressed	Battery pack capacity is too low.	Use a battery pack with 5.0 Ah or higher capacity.
Air speed is noticeably reduced	Motor fan is excessively worn	Contact MOVA Customer Service for repair.
	Air inlet blocked by debris. (Error Code E06)	Remove the battery pack, then clear debris.
Screen not functioning properly	Screen or wire connection is damaged.	Contact MOVA Customer Service for repair.

Failure to connect to the APP	Battery pack is out of Bluetooth range.	Keep the battery pack within 10 m from the mobile device. Insert the Bluetooth-paired battery pack into the tool, or insert the battery pack first and then connect via Bluetooth.
	If holding the  on the battery pack for 2 seconds (until the Bluetooth indicator light flashes blue) does not work, the battery pack or the tool may already be paired with another account.	Press and hold the  for 4 seconds (until the Bluetooth indicator light flashes rapidly in blue) to re-enter pairing mode.

8 Specifications

Model	GB628 / GB628X*
Rated Voltage	60V 
Max. Air Force	28 N
Max. Air Volume	1700 m ³ /h
Max. Air Velocity	89 m/s
Net Weight (with long tube)	2.6 kg
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 70°C (-4°F - 158°F)
Ingress Protection Rating	IPX4
Measured Sound Power Level LwA	103.2 dB(A) K=2.1 dB(A)
Sound Pressure Level at Operator's Position LpA	93.2 dB(A) K=2.1 dB(A)

Guaranteed Sound Power Level LwA (measured according to 2000/14/EC)	105 dB(A)
Vibration Value	<2.5 m/s ² K=1.5 m/s ²

*X=0-999, A-Z may vary depending on the sales region or package configuration, with no safety-related changes between these models.

NOTE:

- IPX4 rating is based on the machine and battery being used together as a system.
- The declared noise emission value(s) and vibration total value(s) are measured in accordance with a standard test method, and may be used both for comparing tools and for making a preliminary assessment of exposure.

⚠ WARNING: The noise and vibration emissions during actual use of the power tool may differ from the declared value(s), depending on how the tool is used. To protect the operator, hearing protection and gloves should be worn under actual working conditions.

MOVA



**Join our official Facebook group
where you can discuss your questions with
other fellow users.**

Manufacturer: Lawnix Technology (Nanjing) Co., Ltd.

Address: Room 501-510, 5/F, Block E (Building 2), No.10 Mozhou East Road,

Jiangning Development Zone, Jiangning District, Nanjing, Jiangsu Province, P.R.China

Made in China