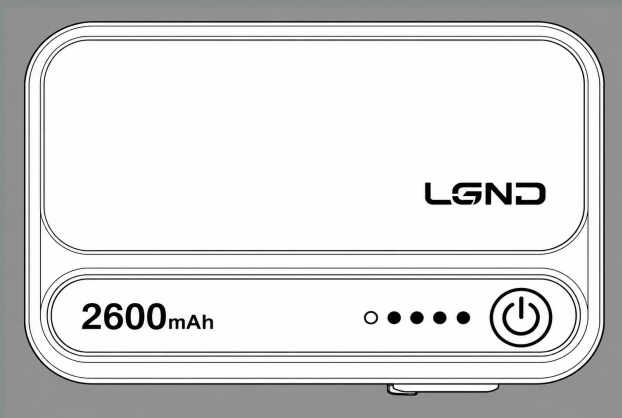
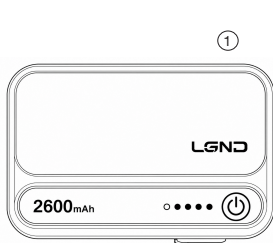




AERIS

MODEL Q-20/Q-60

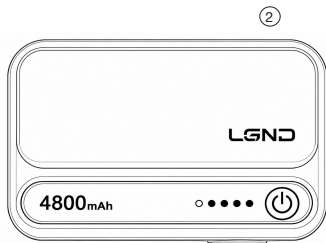
INSTRUCTION MANUAL



① LGND Aeris Q-20

A compact rechargeable air pump designed for reliable everyday aeration and emergency backup.

It features a 2600 mAh battery, a single air outlet, automatic power-failure operation, and Continuous or Intermittent modes.



② LGND Aeris Q-60

A powerful rechargeable air pump designed for larger aquariums and higher aeration demands.

Its 4800 mAh battery, dual air outlets, automatic power-failure operation, and Continuous or Intermittent modes provide dependable, flexible performance.

PRODUCT DIAGRAM



Power/Mode Button

Press to switch between Continuous and Intermittent modes.

Intermittent Mode: 8 s ON / 10 s OFF

Air outlets

AERIS AC/DC AIR PUMP

AERIS AC/DC AIR PUMP

The LGND Aeris Q Series is a range of rechargeable aquarium air pumps designed to provide reliable, quiet and energy-efficient aeration. With automatic battery backup, USB-C charging and Continuous or Intermittent operating modes, Aeris Q pumps help maintain essential oxygenation during everyday use, transport and unexpected power cuts.

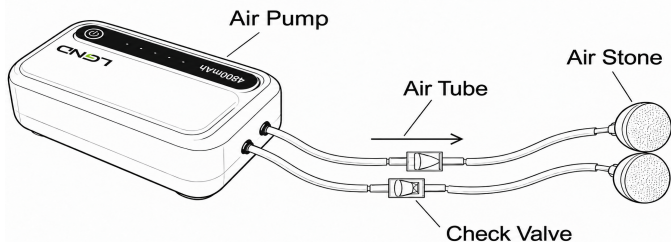
Product Features

- Rechargeable lithium battery for reliable operation during power cuts
- Automatic switch to battery power if the mains supply fails
- Continuous and Intermittent operating modes
- Intermittent cycle: 8 seconds ON / 10 seconds OFF
- LED battery-level indicators
- USB-C charging connection
- Quiet, energy-efficient operation
- Compact and lightweight design
- Q20: single air outlet and 2600 mAh battery
- Q60: dual air outlets and 4800 mAh battery

Model NO.	Battery Voltage	Battery Capacity	Power Consumption (W)	Tank Volume
Q-20	3.7 V	2600mAh	1.8W	≤200 L
Q-60	3.7 V	4800mAh	4W	300 L

AERIS AC/DC AIR PUMP Design

The LGND Aeris Q Series features a clean, modern design with a smooth white housing, softly rounded corners and a refined glossy finish. The contrasting black control panel integrates the Power/Mode button, battery-level indicators and battery-capacity marking for clear, intuitive operation. Side-mounted air outlets keep tubing connections organised, while the compact, stable body allows the pump to fit discreetly beside or inside an aquarium cabinet. The raised LGND emblem completes its distinctive premium appearance.



Operating Instructions

These instructions apply to both LGND Aeris Q20 and LGND Aeris Q60.

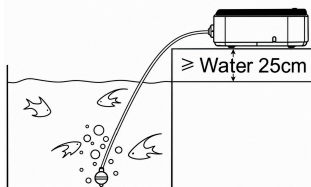
1. Position the air pump
Place the pump on a dry, stable and level surface outside the aquarium. Whenever possible, position it above the aquarium water level.
2. Connect the air tubing
Attach an air hose securely to each air outlet being used. Connect the other end of the tube to a suitable air stone.
3. Install the check valve
Fit a check valve in each air tube, with the airflow arrow pointing towards the aquarium. This helps prevent water from flowing back into the pump.
4. Place the air stone
Position the air stone inside the aquarium. Ensure that the tubing is not bent, pinched or blocked.
5. Connect the power supply
Connect the USB-C charging cable to the pump and then to a compatible power source. Allow the battery to charge fully before the first use.
6. Turn the pump on
Press the Power / Mode Button to start the pump.
7. Select the operating mode
Press the Power / Mode Button to switch between:
 - Continuous Mode: the pump operates continuously.
 - Intermittent Mode: the pump operates for approximately 8 seconds and pauses for 10 seconds. The cycle repeats automatically to reduce power consumption and extend battery runtime.
8. Automatic battery backup
When connected to an external power supply, the pump automatically switches to battery operation if the power supply fails. Normal powered operation resumes when electricity is restored.
9. Turn the pump off
Use the Power / Mode Button to cycle through the available operating modes until the pump switches off.
10. After use
Disconnect the pump before cleaning or maintenance. Keep the pump body, USB-C port and power connection dry at all times.

Important: The pump is not waterproof. Never immerse it in water or operate it in a location where it may fall into the aquarium.

Installation and Use

(Fig. A) Installation without check valve

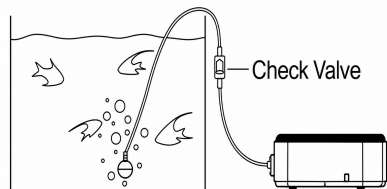
Place the air pump 25 cm (approximately 9.8 inches) higher than the water surface in the tank to avoid water backflow.



Installation without check valve

(Fig. B) Installation with check valve

If the air pump is placed below the level of the water surface in the tank, you **MUST** install the air pump with check valves. If you do not use a check valve, the water will drain back to the pump, resulting in damage to it.



Installation with check valve

1. If the air pump is placed below the level of the water surface in the tank, you **MUST** install the air pump with check valves. If you do not use a check valve, the water will drain back to the pump, resulting in damage to it.

(Fig. A) : Place the air pump 25cm (approximately 9.8 inches) higher than the water surface in the tank to avoid water backflow.

- Please read this user manual carefully before using it and follow it strictly.
- Please install the air pump with check valves or place the air pump 25cm (9.8 inches) higher than the water surface to avoid water backflow and potential damage to the pump.
- Place the pump on a stable, level surface. If additional vibration reduction is required, use a suitable non-slip vibration-damping mat without obstructing the ventilation openings.
- Please keep the air pump away from water since it is not waterproof.
- Please keep the air pump away from flammable items to avoid accidents.
- Do not open or attempt to repair the pump. Contact the retailer or an authorised LGND service centre if the pump produces abnormal noise, overheats or stops delivering air.
- Please soak the air stones for 1-2 hours before first use to get perfect bubbles with this pump.
- Please note that airflow loss is usually caused by a clogged air stone, which is the result of algae, floating debris, and mineral deposits accumulated in the pores.
- If you notice a diminished airflow, try blowing through the air stone by yourself. If it is difficult, replace the air stone.
- Please unplug the power before maintenance.
- Please note that the operating temperature range for the air pump is between 33.8°F-95°F (1°C-35°C).

General user instructions

Information on using the operating manual



- Before using the appliance for the first time, the operating manual must be read fully and understood.
- Consider the operating manual as part of the product and keep in a safe and accessible location.
- Enclose this operating manual if passing the appliance on to a third party.

Symbol explanation

The following symbols are used on the appliance.



The appliance must only be used indoors, and exclusively for aquariums



The appliance is of protection class II.

IPX4

The symbol advises that the device is protected against splashed water.



The appliance is certified according to the relevant national regulations and directives, and conforms to EU standards.

The following symbols and signal words are used in this operating manual.



DANGER!

The symbol indicates imminent danger that can result in death or serious injury.

**DANGER! Electric shock!**

The symbol indicates imminent danger from electric shock that can result in death or serious injury.

**DANGER FROM MAGNETIC FIELDS!**

The symbol indicates imminent danger that can result in a health hazard.

**WARNING!**

The symbol indicates imminent danger that can result in moderate to minor injury or a health risk.

**CAUTION!**

Note on the risk of material damage



Note with useful information and tips.

Fig. A Reference to an illustration



Note with useful information and tips.

Application

The appliance and all parts included in the scope of delivery are intended for private use and must only be used:

- for aerating aquarium water in freshwater and saltwater aquariums
- for operating air-powered filters or decorative elements
- indoors
- in compliance with the technical data.

The following limitations apply to the appliance:

- do not use for commercial or industrial purposes.

Safety

Risks for persons and property can arise from this appliance if the appliance is improperly used or not used as intended or if the safety instructions are not heeded.

For your safety



- Do not let the appliance packaging and small parts get into the hands of children or people who are unaware of how to handle them, as hazards can arise (danger of suffocation!). Keep away from animals.

- Only for EU countries:

This appliance may be used by children aged 8 years and above and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, only if they have been given supervision or instruction concerning safe use of the appliance and understand the hazards involved. Children must not play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.

• This equipment is not intended for use by persons (including children) with limited physical, sensory or mental abilities or for persons with no experience or knowledge unless they are supervised by a person respond for safety or unless they have received from such a person instructions on how to use the equipment. Children should be supervised to ensure that they do not play with the equipment.



- Before use, carry out a visual inspection to ensure that the appliance, especially the mains cable and plug, are undamaged
- Do not use the device if it does not function properly or if it is damaged.
- Never use the appliance with a damaged mains cable.
- Do not use a damaged USB-C cable or power adaptor. Replace it with a suitable compatible cable or adaptor before using or charging the pump.
- Repairs must only be carried out by an LGND service centre
- Do not pull the appliance by the mains cable, and to disconnect from the mains, always pull on the plug and not on the cable or appliance.

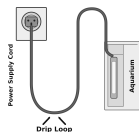
- Do not carry the appliance by the mains cable, and to disconnect from the mains, always pull on the plug and not on the cable or appliance.
- Protect the mains cable against heat, oil and sharp edges.
- Only carry out the work described in these instructions.
- Never make technical modifications to the appliance.
- Only use original LGND spare parts and accessories for the appliance



- The appliance has magnets with strong magnetic fields that can affect pacemakers or implanted defibrillators (ICD).
- Maintain a distance of AT LEAST 20 CM between the implant and magnet



- The electrical installations must comply with the international and national erection specifications.
- The appliance must be protected by a residual current protection appliance with a maximum rated residual current of 30 mA.
- Immediately disconnect the appliance from the power supply if the residual current protection device trips.
- Unless it is being used, disconnect the appliance before you install or remove any parts and before all cleaning and maintenance work on the power supply.
- Protect the mains socket and mains plug against moisture and wetness. A drip loop must be formed with the mains cable. This prevents any water running to the mains socket, which would result in a short-circuit.
- The electrical data of the appliance must match the data of the power mains.
- This data is found on the type plate, the packaging and in these instructions.
- Only connect the appliance to a correctly installed protective contact mains socket.
- Extension cables and power distributors must be suitable for use (protected against splashing water).



Installation / Putting into operation

Check the air pump and all supplied accessories for damage and completeness. Do not use the appliance if the pump, USB-C cable or any other component is damaged.

Mounting Location and Positioning

- Install the air pump outside the aquarium, on a stable, dry and level surface.
- Whenever possible, position the pump above the aquarium water level to prevent water from flowing back through the air hose.
- Do not place the pump on the aquarium lid, rim or any unstable surface.
- Position the pump where it cannot fall or gradually move into the water due to vibration.
- Keep the pump, USB-C connection and power adaptor protected from splashes, moisture and condensation.
- Ensure adequate ventilation around the air pump. Do not cover the appliance during operation.

If the air pump must be positioned below the aquarium water level, install the supplied check valve in the air hose. Make sure the arrow on the check valve points towards the aquarium.

Connecting the Air Pump

- Cut the air hose to the required length.
- Connect one end of an air hose securely to each air outlet being used. Insert a check valve into each air hose, observing the correct airflow direction. Connect an Aeris Air Stone to the other end of each hose.
- Insert the check valve into the air hose, observing the correct airflow direction.
- Connect the Aeris Air Stone to the other end of the hose.
- Position the Aeris Air Stone inside the aquarium and secure it in the required location.
- Ensure that the hose is not kinked, crushed or blocked.

Never operate an air outlet without a connected air hose and Air Stone. The air outlet must always be connected to an air hose and an Air Stone.

USB-C Power Connection

- Connect the supplied USB-C cable to the charging port on the air pump.
- Connect the other end to a suitable USB power adaptor.
- Create a drip loop in the cable below the power adaptor or electrical socket.
- Keep all electrical connections dry and away from the aquarium.

When connected to an external power supply, the air pump can remain available as an automatic backup during a power failure.

Operation and Mode Selection

- Press the Power / Mode Button to turn on and operate the air pump.
- Use the same button to switch between Continuous Mode and Intermittent Mode.
- In Continuous Mode, the pump operates continuously.
- In Intermittent Mode, the pump operates in repeated cycles of 8 seconds ON and 10 seconds OFF, extending battery operating time.
- The indicator lights display the operating and battery status.

Final Check

- After switching on the pump:
- Check that bubbles are released evenly from the Aeris Air Stone.
- Check all hose connections for air leaks.
- Ensure that the check valve is installed in the correct direction.
- Monitor the aquarium water level.
- Confirm that the USB-C cable forms a correct drip loop.
- Make sure that the pump remains stable, dry and adequately ventilated.

Care and Cleaning

Disconnect the USB-C power supply and switch off the pump before cleaning. Wipe the exterior with a soft, slightly damp cloth. Do not immerse the pump in water and do not allow moisture to enter the USB-C port, air outlet or ventilation openings. Regularly inspect the air hose, check valve and Air Stone. Replace any component that is blocked, damaged, hardened or excessively contaminated. Reduced airflow is commonly caused by a blocked Aeris Air Stone, kinked air hose or incorrectly installed check valve. Do not use abrasive cleaners, solvents or aggressive chemicals. The pump contains no user-serviceable internal components.

Decommissioning

Storing and overwintering



1. Clean the appliance
2. Store the appliance in a frost-proof place.

Disposal



When disposing of the appliance, pay attention to the relevant statutory regulations.

Information on the disposal of electrical and electronic appliances in the European Union: Within the European Union, disposal of electrically operated appliances is governed by national regulations that are based on the EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). The appliance may no longer be disposed of with the municipal or household waste. The appliance will be accepted free of charge at municipal collection points or recycling centres. The product packaging is made up of recyclable materials. Dispose of them in an environmentally responsible manner and take them for recycling.

Guarantee

The LGND Aeris Q-20 and Q-60 rechargeable aquarium air pumps are covered by a one-year limited guarantee from the date of delivery to the original purchaser.

This guarantee covers defects in materials and workmanship arising during normal use in accordance with the operating instructions. It also covers premature failure of the pump motor, integrated rechargeable battery, control board, USB-C charging circuit and other internal electrical components.

If a covered defect occurs during the guarantee period, we will repair or replace the defective component or complete unit, at our discretion, free of charge.

The pump contains an integrated rechargeable battery and has no user-serviceable internal components. Do not open, dismantle or attempt to repair the pump. Unauthorised opening or repair may invalidate the guarantee.

This guarantee does not cover:

Normal wear and tear;

The normal gradual reduction in rechargeable battery capacity and operating time;

Air hoses, check valves, Aeris Air Stones and other accessories or consumable components;

Blocked, worn, contaminated or damaged Air Stones;

Accidental damage, impact or damage caused by dropping the appliance;

Damage caused by improper installation, operation, storage or maintenance;

Damage caused by placing, dropping or submerging the air pump in water;

Water or moisture entering the pump, USB-C charging port, power adaptor or other electrical connections;

Water backflow caused by incorrect positioning or by failure to install the check valve correctly;

Operation with a blocked, restricted or disconnected air outlet;

Restricted airflow caused by kinked hoses, blocked check valves, contaminated Air Stones or obstructed air inlets;

Damage caused by dirt, dust, condensation or inadequate cleaning;

Overheating caused by covering the pump or obstructing its ventilation openings;

Damage caused by using an unsuitable, defective or incompatible USB power supply or charging cable;

Damage caused by incorrect charging, electrical surges or an unstable power supply;

Damage caused by excessive heat, freezing conditions, direct sunlight or unsuitable storage conditions;

Unauthorised modifications, dismantling or repairs;

Commercial misuse or use for purposes other than aerating a suitable aquarium;

Cosmetic damage that does not affect the normal operation of the product.

To make a guarantee claim, contact the retailer from whom the product was purchased and provide proof of purchase, the product model and a clear description of the fault. Photographs or video evidence may also be requested.

The product may need to be returned for inspection. Where the claim is accepted as valid, reasonable return costs will be covered in accordance with the retailer's return procedure.

This commercial guarantee is provided in addition to, and does not affect, your statutory rights under applicable consumer law.

AERIS**AERIS AC/DC AIR PUMP**

Date of Purchase

Model NO.	Serial NO.	Watt	Signature



Contact: LGND Service Centre
01293 510787 (Weekdays 10:30–17:30)
E-mail: support@lgndadn.co.uk

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