



BALMUDA The Lantern

Instruction Manual

Thank you for purchasing BALMUDA The Lantern.

LED Lantern (For Household Use)
L02H Series

FOR USE IN U.S. ONLY
WARRANTY VOID IF USED OUTSIDE U.S.

Be sure to read this manual before use.
Keep in a safe place for future reference.
For information on warranty policy, please refer to the BALMUDA website (<https://us.balmuda.com>).

Important

IMPORTANT SAFETY INSTRUCTIONS

WARNING
DO NOT ATTEMPT TO REPLACE THE BUILT-IN BATTERY OF THIS PRODUCT YOURSELF. FAILURE TO DO SO CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.

PRODUCT LIABILITY DISCLAIMER
THIS MANUAL CONTAINS IMPORTANT INFORMATION AND INSTRUCTIONS BASED ON PRODUCT STANDARDS AND REGULATIONS, AS WELL AS OUR EXPERT KNOWLEDGE. ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL MUST BE STRICTLY FOLLOWED. ANY INCORRECT USE OF THE PRODUCT OR FAILURE TO FOLLOW INSTRUCTIONS OR WARNINGS CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.
BALMUDA SHALL NOT BE LIABLE FOR ANY DAMAGES WHATSOEVER IN CASE OF:
• PRODUCT USE OTHER THAN THAT EXPLAINED IN THIS MANUAL
• FAILURE TO FOLLOW ANY OF THE INSTRUCTIONS OR WARNINGS

- These instructions must be followed in order to meet the requirements of the Canadian Electrical Code, Parts I and II.
- THIS PRODUCT IS NOT COMPLETELY WATERPROOF. IT IS DESIGNED FOR INDOOR, DRY-LOCATION USE ONLY.
- IT SHOULD NOT BE USED IN PLACES WHERE LARGE AMOUNTS OF WATER MAY BE SPLASHED, SUCH AS ON SHIPS OR NEAR THE SEA, ETC.
- Use the product only with a power unit listed as Class 2.
- To disconnect the product, turn the knob to the off position, then remove the plug from the outlet.
- Unplug from the outlet when the product is not in use and before servicing or cleaning.
- Do not use the product under any circumstances if it has a damaged cord or plug, has been operating abnormally, or is damaged due to being dropped. Return the product to BALMUDA Support for examination, repair, or electrical or mechanical adjustment.
- Take care to avoid improper use of the cord. Never carry the product by the cord or yank the cord to disconnect from the outlet. Keep the cord away from heat, oil, and sharp edges.
- Disconnect the product from the power supply when not in use, before servicing, or when performing cleaning or a similar procedure.
- Do not insert foreign objects into the product.
- Servicing of the product should be performed by BALMUDA Support. Servicing of the product requires extreme care and knowledge of the system. Replacement parts for the product must be identical to those parts already in the product.
- If operating the product in a damp location is unavoidable, the product should only be connected to a circuit that is protected by a ground fault circuit-interrupter (GFCI). Use of a GFCI reduces the risk of electric shock.
- Store the product indoors when not in use.
- Choose a place that is out of reach of children.
- Do not clean this product by spraying it with water or the like. Be sure to follow the USER MAINTENANCE INSTRUCTIONS.

SAVE THESE INSTRUCTIONS.

INSTALLATION INSTRUCTIONS

To reduce the risk of electric shock, the product has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way.

If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any manner.

Safety Precautions

Read the Safety Precautions carefully before use to ensure correct operation. The precautions described in this manual must be followed to ensure safe use of this product and prevent hazards to you and other people, as well as damage to the product and your home or property.

- These symbols indicate the degree of harm or damage that may be caused by improper use.

WARNING Indicates actions that may cause death or serious injury.

CAUTION Indicates actions that may cause minor injury.

NOTICE Indicates a property damage.

- These symbols indicate requirements during use of this product.

Indicates prohibited actions that must not be performed.

Indicates required actions that must be performed.

Indicates risk of electric shock.

WARNING

Read all safety warnings and instructions.

Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

When using the product, always observe the additional precautions including the following:

- To reduce the risk of an electrical shock, do not put the product in water or other liquids. Do not place or store the product where it can fall or be pulled into a bathtub or sink.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not contact the hot parts.
- Only use attachments recommended or sold by BALMUDA.

To prevent unintentional starting, ensure the knob is in the off position before picking up or carrying the product.

If you carry the product with your finger on the knob or energize the product with the knob on, an accident may occur.

Recharge only with the AC adapter (model: DBC010B-0502000U) specified by our company.

Each AC adapter is designed for a specified type of battery pack. Using an AC adapter with an inappropriate battery pack may create a risk of fire.

Use the product only with specifically designated battery packs.

Using a different battery pack may create a risk of fire or injury.

If used under rigorous conditions, liquid may be ejected from the battery. In this case, avoid contact.

If contact accidentally occurs, flush the area with water. If liquid enters the eyes, seek additional medical help. Liquid ejected from the battery may cause irritation or burns.

Repairs must be performed by qualified repair personnel using only the specified parts.

Observing this instruction will ensure safety of the product.

Be sure to use the AC adapter, power cable, and rechargeable battery supplied with the product.

If an item that is not a standard accessory is used, this may cause fire, injury, or malfunction.



When this product is not used for an extended period of time, disconnect the power plug.

Otherwise, dust may be accumulated on the AC adapter, causing combustion. In addition, fluid may leak from the rechargeable battery.

Clean the plug of the AC adapter periodically.

Otherwise, dust may be accumulated on the AC adapter, causing combustion. Disconnect the AC adapter from the outlet and wipe off the plug with a dry cloth.



Insert the plugs of the AC adapter and power cable securely all the way to their base.

Failure to do so may cause combustion or electric shock due to poor contact.

If an abnormality or a failure is found in the product, disconnect the AC adapter and power cable, and then stop use of the product immediately.

Failure to do so may cause fire, electric shock, or injury.

[Examples of abnormalities and malfunctions]

- The power does not turn off.
- The AC adapter, power cable, or product is excessively hot.
- The AC adapter or product is excessively hot and deformed.
- The product tips or falls over.
- The power cable is damaged or the power supply is stopped when you touch the product.



Do not use a battery pack or product that has been damaged or modified.

Damaged or modified batteries or product may exhibit unpredictable behavior, resulting in fire, explosion, or risk of injury.

Do not expose a battery pack or product to fire or excessive temperature.

Exposure to fire or temperatures above 130°C (265°F) may cause explosion.

Follow the “How to charge” and do not charge the battery pack or product outside of the temperature range specified in the instructions.

Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

Do not modify or attempt to repair the product or battery pack (as applicable) except as indicated in the instructions for operation and maintenance.

If the fluid leaks from the rechargeable battery, take appropriate measures so that it does not come in contact with your skin or eyes.

Failure to do so may cause damage to your skin or loss of your eyesight. If the fluid contacts your skin or eyes, wash it off thoroughly with clean water, and then consult a doctor immediately.

Do not use this product in any countries other than the U.S.

Doing so may cause fire or malfunction.



Do not disassemble, repair, or modify this product.

Doing so may cause accident or injury due to electric shock, combustion, or malfunction. For repair, please contact BALMUDA Support.



Do not disassemble or modify the rechargeable battery.

Doing so may cause accident or injury due to combustion, fluid leakage, overheating, or explosion.



Do not apply any liquid such as water directly to the AC adapter or touch it with a wet hand.



Doing so may cause electric shock or malfunction.

Do not use the product while it is covered with a cloth.

Doing so may cause fire, electric shock, or injury.



Do not put any metallic object such as a wire, any flammable object such as paper, or your finger in the gap of the product.

Doing so may cause fire, electric shock, or injury.

Do not take the following actions for the AC adapter and power cable.

Doing so may cause fire or electric shock. Damage them, process them, put them close to a heater, bend them, stretch them, bundle them, trample them, twist them, or place an object on them.

Do not use, charge, or store this product in a place shown below.

Doing so may cause fire, electric shock, or injury.

- A place where water may be splashed onto the product such as a bathroom or place exposed to rain.

- A humid place

- A place that is near an open flame or where the product is exposed to direct sunlight.

A place where the temperature reaches 40°C (100°F) or more (place near a window inside a building or vehicle).

- A place where the temperature tends to be high such as a place near a heater.

- An unstable place

- A place such as the end of a desk or table where the product may fall easily.

- A place within reach of children

- A place where other objects may be caught in the cable of the product when it is connected.

CAUTION



Do not use this product while it is laying on its side.

Doing so may cause accident or injury due to falling or dropping of the product.

Do not splash any chemical such as insecticide, alcohol, or benzene on the product.

Doing so may cause injury due to damage to the product.

Do not apply any strong impact or pressure to the product or rechargeable battery.

Doing so may cause damage or deformation.



Do not directly view the light source section.

Doing so may damage your eyes.



Be sure to use the AC adapter within the range of the rated voltage.

Failing to do so may cause fire or electric shock.



When this product is suspended, use it with the power cable disconnected.

Otherwise, the cable may be caught, causing the product to fall down or be damaged.

NOTICE

Precautions for rechargeable battery (nickel metal-hydride battery)

The rechargeable battery is a consumable part. The rechargeable battery can be charged and discharged about 500 times. However, the charging and discharging count may vary greatly depending on the operating environment and operating hours. If the operating hours decrease significantly, the service life of the battery may be expired. In this case, please contact BALMUDA Support.

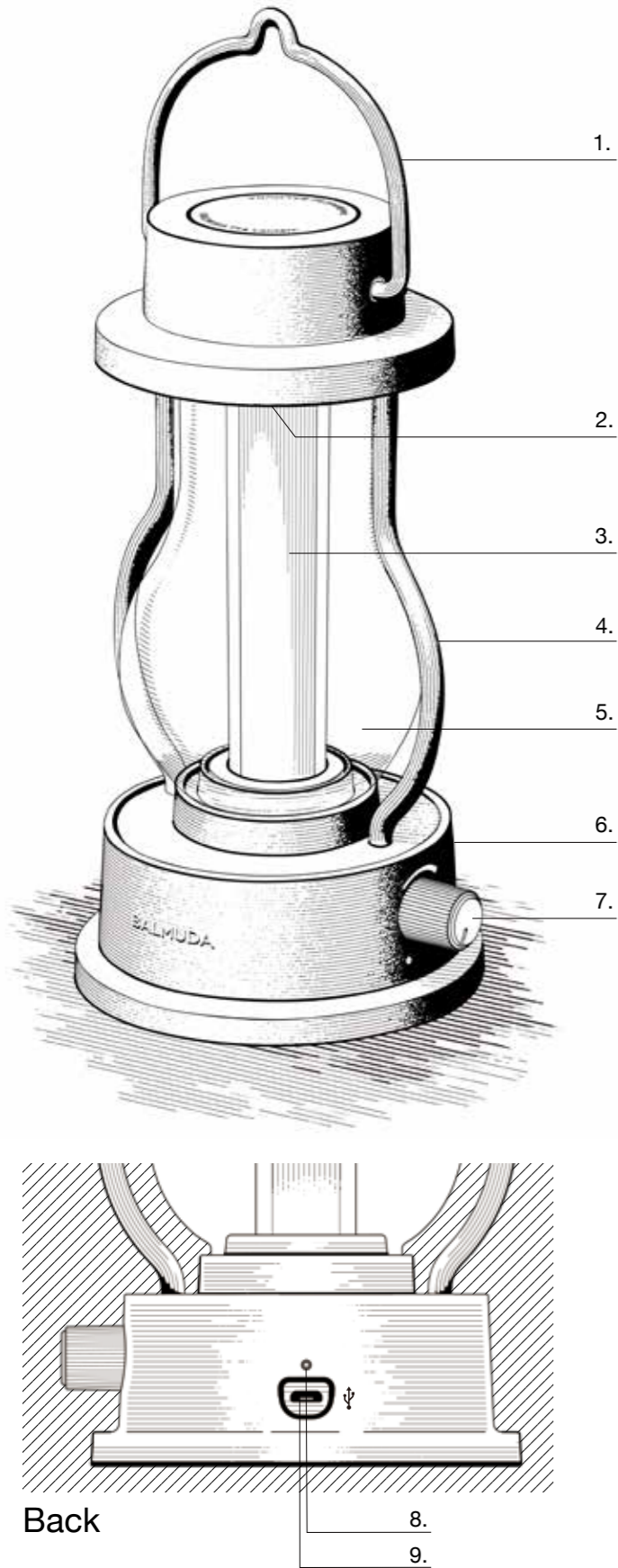
A rechargeable battery that is no longer being used needs to undergo recycle processing. Attach a tape to the connector (terminal) to insulate the battery and then handle it in accordance with the laws or regulations of the country or region.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

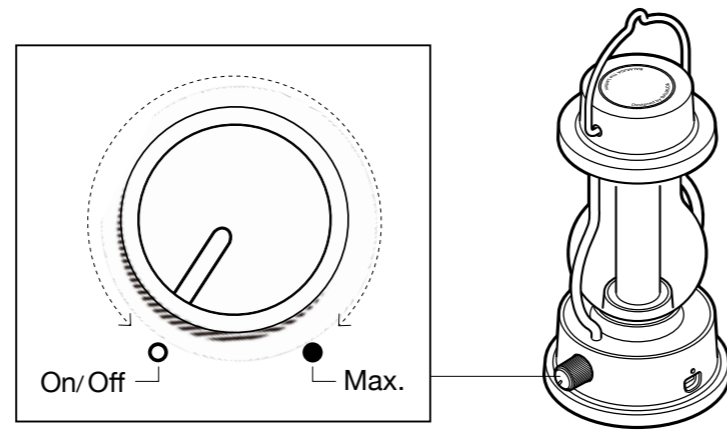
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

BALMUDA The Lantern



Names of parts

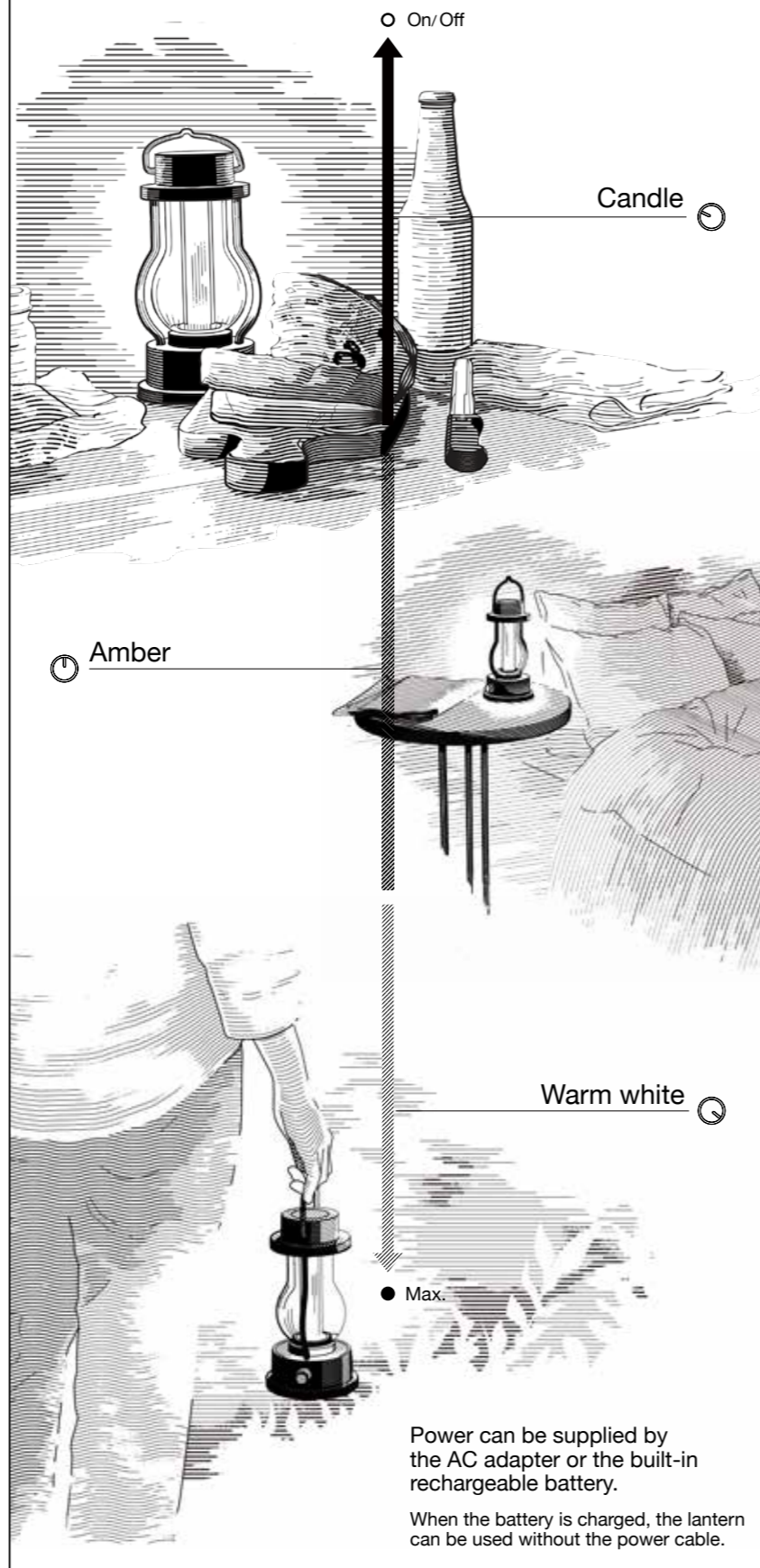
1. Handle	6. Base
2. Light source	7. Knob
3. Light pipe	8. Charging indicator
4. Frame	9. Power cable insertion port
5. Shade	



CAUTION
Do not tamper with the knob.

Lighting the lantern

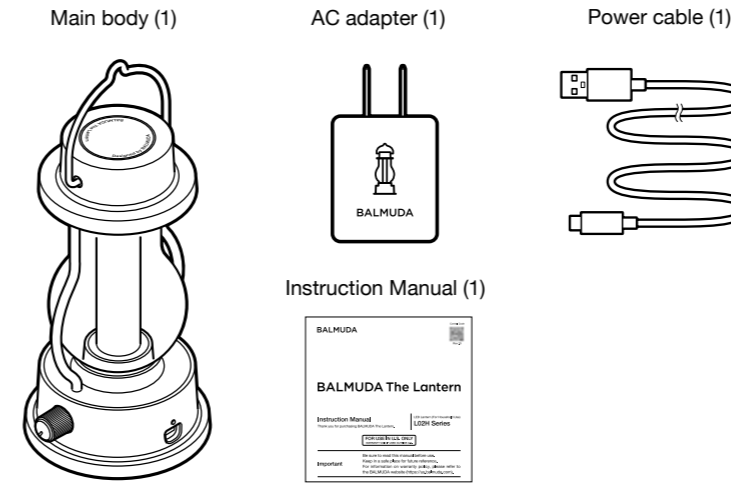
Turn the knob on the main body clockwise to light the lantern.
Turn the knob further clockwise to increase the brightness. The color changes from amber to warm white in accordance with the increase in brightness.
Turning the knob counterclockwise all the way turns off the power.



Power can be supplied by the AC adapter or the built-in rechargeable battery.
When the battery is charged, the lantern can be used without the power cable.

Contents of the Package

Check the contents before use.

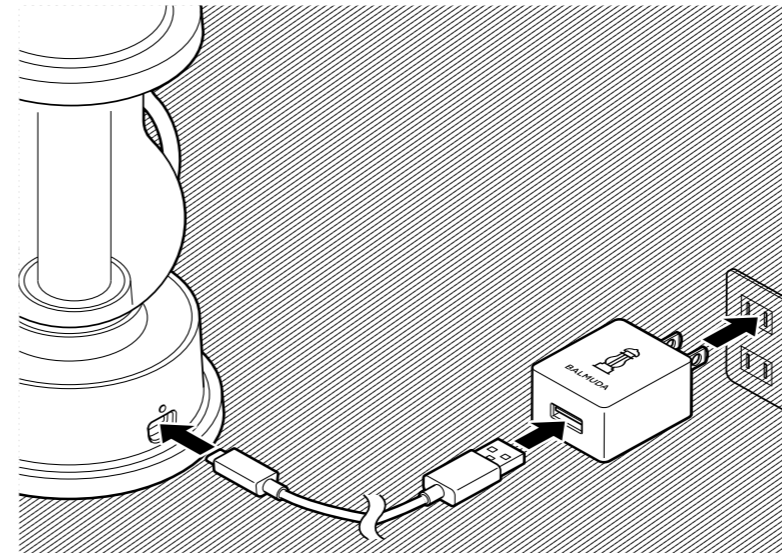


When using the product for the first time or after an extended period of time, charge the battery beforehand. For details of the procedure, refer to the "How to charge" described below.

How to charge

The charging indicator will blink to alert you when the battery is low.

Connect the main unit and adapter using the power cord and plug the adapter into an outlet. The indicator lights up and the charging begins. When the battery is fully charged, the indicator will go off.



USER MAINTENANCE INSTRUCTIONS

Before starting the maintenance work, confirm the "IMPORTANT SAFETY INSTRUCTIONS", "INSTALLATION INSTRUCTIONS", and "Safety Precautions" stated on the back.

- Turn off the power to the main body, disconnect the AC adapter from the outlet, and then start the maintenance work.
- Wipe off any dust or marks with a soft cloth. If the product is heavily marked, wipe it off with a soft cloth that is soaked in diluted mild dish soap and squeezed tightly, and then finish it off with a dry cloth.

Error indication

The charging indicator (orange) is used to inform you of an error.

- Blinks twice. The temperature of the rechargeable battery is too high or low. Turn the knob fully counterclockwise to turn off the power. Wait until the rechargeable battery reaches normal temperature. After that, turn the knob clockwise again to light the lantern.

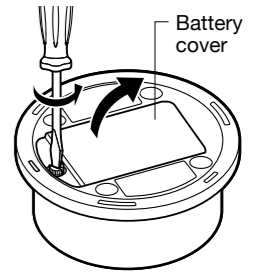
Disposal

Rechargeable battery removal procedure
Note: Be sure to turn off the main body first, and then disconnect the power cable.



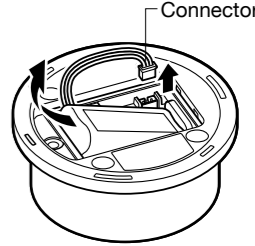
1. Remove the battery cover.

Loosen the screw on the bottom with a slotted screwdriver or coin and remove the battery cover.



2. Disconnect the connector.

Pinch the connector and remove it, and then remove the rechargeable battery.



Specifications

Dimensions	W4.4" × D4.1" × H9.8" (including the handle)	Power consumption	Up to 6.0 W (When the lantern is lit and charged at the same time.)
Weight	Approx. 1.39 lbs.	Battery type	Ni-MH rechargeable battery 3.6 V/2,000 mAh
Battery life*	3 to 50 hours (Max. illuminance to min. illuminance)	Battery charging time*	Approx. 6 hours
Brightness	Approx. 195 lm	IP rating	IP54
Storage temperature	41 to 95°F	Operating temperature / Charging temperature	41 to 95°F
AC adapter	Input: AC 100 to 240 V, 50/60 Hz Output: DC 5.0 V, 2.0 A Model: DBC010B-0502000U	Dimming function	Stepless dimming
		Power cable length	3.3 ft

* The value may vary depending on the operating status or environment.

Troubleshooting

The lantern does not turn on. / The lantern sometimes fails to turn on.

- Check that each plug of the AC adapter and the power cable is connected correctly. Connect all plugs correctly and firmly.
- Check that the battery has been charged. When using the product without the power cable, charge the battery for the specified time and turn on the lantern again.

The main body, AC adapter, or power cable is excessively hot. / An abnormal odor occurs. / Damage is found. / The product has been submerged in liquid.

- Stop using the product immediately and contact BALMUDA Support.

Warranty Policy and Privacy Policy

For information on warranty and privacy policies, please refer to the BALMUDA website (<https://us.balmuda.com>).

833-333-1033

<https://us.balmuda.com>

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Note: Store this manual with great care.