

# Panasonic®

## Operating Instructions

(Household use)

## Rechargeable Shaver

Model No. ES-RM3B

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Thank you for purchasing this Panasonic product.

**Before operating this unit, please read these instructions completely and save them for future use.**






The USB power adaptor is sold separately.

## Safety precautions



To reduce the risk of electric shock, injury, fire, loss of life, and damage to property, always observe the following safety precautions.

### Explanation of symbols

The following symbols are used to classify and describe the level of hazard, injury, and property damage caused when the notation is disregarded and improper use is performed.

	<b>DANGER</b>	Indicates potential hazard that will result in serious injury or death.
	<b>WARNING</b>	Indicates potential hazard that could result in serious injury or death.
	<b>CAUTION</b>	Indicates potential hazard that could result in minor injury or property damage.

The following symbols are used to classify and describe the type of instructions to be observed.

	This symbol is used to alert users to a specific operating procedure that must not be performed.
	This symbol is used to alert users to a specific operating procedure that must be followed in order to operate the unit safely.

The illustrations in the manual may differ from the actual item.



## WARNING

### ► This product

**This product has a built-in rechargeable battery.**



**Do not throw into flame or heat.**

- Doing so may result in electrolyte leakage, overheating or breakage of the battery.

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**Do not modify or repair.**



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

→ Contact an authorized service center for repair (battery change etc.).



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**Never disassemble except when disposing of the product.**

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



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**Unplug the USB cable from the main body when cleaning.**

- Failure to do so may cause electric shock or injury.

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### ► In case of an abnormality or malfunction

**Immediately stop using this product and disconnect USB power adaptor if there is an abnormality or malfunction.**

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

**<Abnormality or malfunction cases>**



- The main body, USB power adaptor or USB cable is deformed or abnormally hot.

- The main body, USB power adaptor or USB cable smells of burning.

- There is abnormal sound during use or charging of the main body.

→ Immediately request inspection or repair at an authorized service center.



## WARNING

### ► Power supply



**Do not use this product beyond the rated values of the power supply.**

- Doing so may cause fire.



**Fully insert the power plug of the USB power adaptor.**

- Failure to do so may cause fire or electric shock.

### ► About the USB power adaptor and USB cable



**Do not connect or disconnect the USB power adaptor or USB cable to or from the power supply with a wet hand.**

- Doing so may cause electric shock or injury.

**Do not charge this product when the USB power adaptor or USB cable is damaged or when the fitting into the household outlet is loose.**



**Do not immerse the USB power adaptor or USB cable in water or wash it with water.**

**Do not damage, modify, forcefully bend, pull, twist, or place anything heavy on the USB power adaptor or USB cable.**

- Doing so may cause electric shock or fire due to a short circuit.

**Do not charge this product using any USB cable other than the supplied USB cable. Also, do not use any other product with the supplied USB cable.**



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

→ The USB cable provides the overheat protection function. If charging is abnormal or the USB plug (Type-C) heats up, disconnect the power supply, check the socket, and remove any water or foreign objects from the socket.



## WARNING

**Always plug the USB cable to a power supply for general use with a rated voltage of 5.0 V and a rated output current of 1.0 A which meets requirements of the Safety Extra Low Voltage (SELV) system.**



- Failure to do so may cause burn or fire due to a short circuit.

It is necessary to separately purchase a power adaptor if required to power this product.

The Panasonic power adaptor ES-RU1-02 is recommended.

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**Clean regularly to prevent dust from accumulating.**



- Failure to do so may cause fire due to insulation failure caused by humidity.

→ Disconnect the USB power adaptor and wipe with a dry cloth.

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### ► Preventing accidents

**This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.**



**Children should be supervised to ensure that they do not play with the product.**

- Failure to do so may cause an accident or injury.

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**Do not place within reach of children or infants.**

**Do not let them use it.**



- Doing so may cause an accident or injury due to accidental ingestion of the inner blade, cleaning brush, etc.



# CAUTION

## ► To protect the skin



**Do not forcefully press the system outer foil on the skin or lips. When there are small bumps on the face or the skin is injured, avoid direct contact with the system outer foil.**

- Doing so may cause injury to skin.



**Do not touch the blade section (metallic section) of the inner blade directly with your hands.**

- Doing so may cause injury.



**Do not forcefully press the system outer foil. Do not touch the system outer foil with fingers or nails when in use.**

- Failure to do so may cause injury to skin or reduce the life of the system outer foil.



**Do not use this product for hair on head or any other part of the body.**

- Doing so may cause injury to skin or reduce the life of the system outer foil.



**Check the system outer foil for any damage or deformation before use.**

- Failure to do so may cause injury to skin.

## ► Note the following precautions



**Do not allow needles or any other foreign objects to adhere to the power plug of the USB power adaptor or the plugs of the USB cable.**

- Doing so may cause electric shock or fire due to a short circuit.



**Do not charge when the socket is wet.**

- Failure to do so may cause fire or electric shock.



**Do not share with your family or others.**

- Doing so may result in infection or inflammation.



## CAUTION

**Disconnect the USB power adaptor from the household outlet when not charging.**



- Failure to do so may cause electric shock or fire due to electrical leakage resulting from insulation deterioration.

### Handling of the removed battery when disposing



## DANGER



- The rechargeable battery is exclusively for use with this appliance. Do not use the battery with other products.
- Do not charge the battery after it has been removed from the product.
- Do not throw into fire or apply heat.
- Do not solder, disassemble, or modify the battery.
- Do not let the positive and negative terminals of the battery get in contact with each other through metallic objects.
- Do not carry or store the battery together with metallic jewellery such as necklaces and hairpins.
- **Never peel off the tube.**
- Doing so may cause fluid leak, overheating, or explosion.



**The battery contains alkaline fluid. If it comes in contact with the eyes, do not rub the eyes, and thoroughly rinse with clean water, such as tap water.**

- Failure to do so may cause loss of vision.  
Consult a physician immediately.





## WARNING



**After removing the rechargeable battery, do not keep it within reach of children and infants.**

- The battery will harm the body if accidentally swallowed.

If this happens, consult a physician immediately.



**The battery contains alkaline fluid. If it comes in contact with the skin or clothes, rinse off with clean water, such as tap water.**

- Failure to do so may cause skin injury.

## Important information

### ► Notes

- This WET/DRY shaver can be used for wet shaving using shaving lather or for dry shaving. You can use this watertight shaver in the shower and clean with water. The following symbol means suitable for use in a bath or shower.



**Warning:** Disconnect the USB cable from the shaver before cleaning it in water.

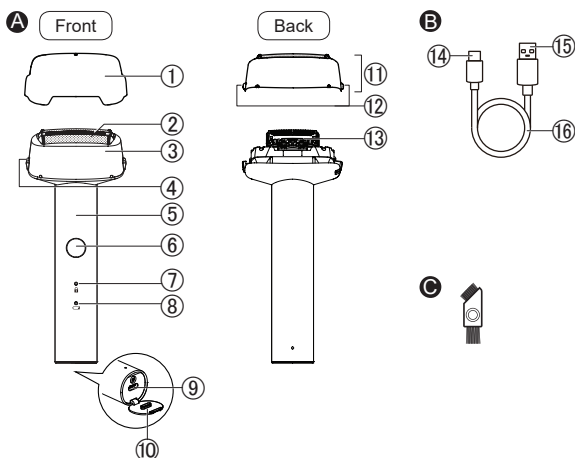
This symbol on the product means that not generated higher voltage than the safety extra low voltage (SELV). In which protection against electric shock relies on power supply.



## ► Notes

- Treat yourself to wet lather shaves for at least three weeks and notice the difference. Your Panasonic WET/DRY shaver requires a little time to get used to because your skin and beard need about a month to adjust to any new shaving method.
- Do not bring the system outer foil into contact with hard objects.  
Doing so may damage the blades as they are very thin and deform easily.
- Do not dry the main unit with a dryer or a fan heater.  
Doing so may cause malfunction or deformation of the parts.
- Do not leave the shaver exposed to direct sunlight with the foil frame detached.  
Doing so may deteriorate the waterproof rubber and degrade waterproof function, which may cause to malfunction.
- Store the shaver in a place with low humidity after use.  
Failure to do so may cause malfunction due to condensation or rust.
- Charge the appliance correctly according to these Operating Instructions. (See page 12 “Charging”.)
- This appliance contains battery that is only replaceable by skilled persons. Please contact an authorized service centre for the details of repair.
- Do not drop this product or subject it to shock, Otherwise, injury may be caused.
- When carrying or storing this product, always attach the protective cap. Failure to do so may cause injury to skin or reduce the life of the system outer foil.

## Parts identification



### A Main body

- ① Protective cap
- ② System outer foil
- ③ Foil frame
- ④ Foil frame release button
- ⑤ Finger rest
- ⑥ Power switch
- ⑦ Switch lock indicator (🔒)
- ⑧ Charging indicator (🔌)
- ⑨ Socket (Type-C)
- ⑩ Socket cover

- ⑪ Outer foil section
- ⑫ System outer foil release buttons
- ⑬ Inner blades

### B USB cable

- ⑭ USB plug (Type-C)
- ⑮ USB plug (Type-A)
- ⑯ Cord

Accessory

### C Cleaning brush

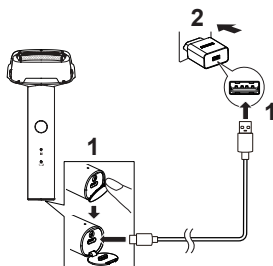
## Charging

- Before charging, make sure that this product is powered off.
- Attach the protective cap to avoid damaging the system outer foil.
- Do not charge when the socket is wet. Wipe the socket when it is wet before charging.

**1. Open the socket cover, insert the USB cable into the main body and the USB power adaptor.**

**2. Connect the USB power adaptor to a household outlet.**

- Check charging progress by looking at the charging indicator (☞). The light will gradually blink with increasing brightness, indicating that the battery level is rising.
- Charging is completed after approx. 1 hour. The charging time may be shortened, depending on the remaining battery level.



### ► Display during charging

While charging

The charging indicator (☞) gradually blinks brighter.

After charging

The charging indicator (☞) turns off.

**3. After charging, remove the USB cable and attach the socket cover.**

- Charging the battery for more than 1 hour does not affect its performance.
- Be sure to close the socket cover when using or washing.

► **How to confirm that charging is completed**

- If the USB plug (Type-C) is removed and then inserted back right after charging is completed, the charging indicator (◀) turns on and then off in about 5 seconds.

► **Notes**

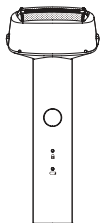
- You cannot operate this product while charging.
- This product can be charged with adaptors other than the specified one. However, for safety, it is recommended to use the Panasonic-specified adaptor with a splash-resistant design. Please note the adaptor is not fully waterproof, so avoid exposing it to water.
- If an incompatible USB power adaptor is used for charging, or problems such as poor contact with the USB cable occur, charging time may be longer and the product may be damaged.
- When this product is used for the first time or when it has not been used for more than 6 months, the operating time may be shortened, or the charging indicator (◀) may not light up immediately after charging is started. However, everything should be back to normal after 8 hours of charging.
- The recommended ambient temperature range for charging is 0 °C - 35 °C. When the room temperature exceeds or falls below the recommended ambient temperature range for charging, the charging time may differ and the battery performance may be degraded.
- The shaver can be used for approximately 2 weeks after it is fully charged.  
(Based on dry shaving for 3 minutes a day at an ambient temperature of 20 °C to 30 °C.)  
The number of usable days depends on the following conditions:
  - beard thickness
  - pressure applied to the skin
  - use of wet shaving
- If there is noise from the radio or other sources while this product is used or charged, move the product to a different location or charge it with another USB power adaptor.

# How to use

## Shaving

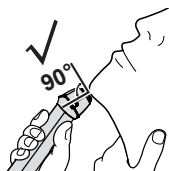
### 1. Press the power switch to start the shaver, and start shaving.

- If the switch lock indicator (🔒) blinks, the shaver cannot be started because the power switch is locked. Press and hold the power switch for longer than 2 seconds to unlock it. (See page 16.)
- While using the shaver, grip the shaver with your fingers placed on the finger grip position.



### ► How to improve the shaving effect


- Apply the whole system outer foil perpendicularly against the skin and shave by slowly sliding the shaver over the face against the grain of the beard.
- To prevent damaging the system outer foil, do not shave with only a part of the system outer foil.
- The beard under the chin and around the throat can be shaved better by stretching the skin so the beard will stand.





### 2. Turn off the shaver when you have finished shaving.


## ► Notes

- The recommended ambient temperature for using the shaver is no lower than 0 °C.  
When the room temperature is lower than the recommended operating temperature, the shaver may stop working.
- Make sure that both inner blades are installed in the shaver.  
If only one inner blade is installed, the shaver may be damaged.
- Do not use shaving cream or facial cleanser that contains detergent. Otherwise, the system outer foil may be clogged.

**Low Battery Warning**  
When the battery level is low and requires charging, the charging indicator (  ) will blink for 5 seconds after the shaver is powered off.




(  : Blinking )


- Once the charging indicator (  ) begins blinking, the shaver can typically be used one or two more times. However, the exact number of uses may vary depending on factors such as usage duration and ambient temperature.

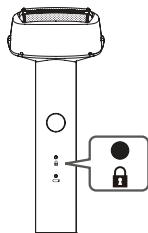
## Operation and display of the switch lock

### Locking the power switch

1. **Press the power switch.**
    - The shaver starts operating.
  2. **Press and hold the power switch for longer than 2 seconds.**
    - The shaver stops operating.
- Release the power switch once the switch lock indicator (  ) turns on.

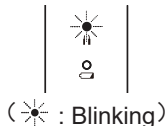


The power switch is locked  
(After about 5 seconds, the switch lock indicator (  ) turns off.)



### ► Check if the power switch is locked

Press and then release the power switch in the locked state. The switch lock indicator (🔒) will blink and then turn off after 5 seconds.



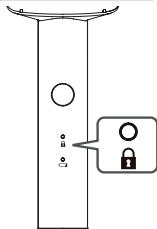
### Unlocking the power switch

**Press and hold the power switch for longer than 2 seconds in the locked state.**

- Release the power switch once the switch lock indicator (🔒) turns off.



The power switch is unlocked  
(The shaver starts operating.)



### ► Notes

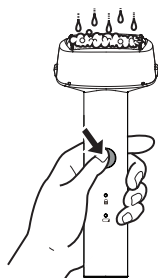
- The power switch cannot be unlocked while the shaver is being charged.

## Cleaning

It is recommended to clean the shaver after each use.

Check that the socket cover is closed.

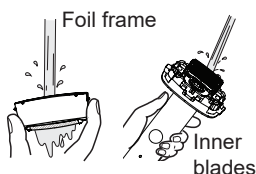
1. **Power off the shaver.**
2. **Apply a small amount of hand soap and water on the system outer foil.**
3. **Press the power switch to start the shaver.**
4. **Let the shaver run for 10 to 20 seconds, and then turn it off.**
5. **Press the foil frame release button to remove the outer foil section.**  
(See page 19.)





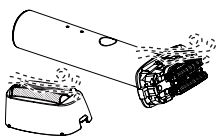
**6. Clean the shaver with running water.**

- After rinsing with water, shake the main body up and down a few times to remove excess water, and then wipe off the water droplets with a dry cloth.



**7. Dry the outer foil section, main body and Type-C socket (charging port) thoroughly by exposure to the air.**

- Leave to dry in the shade, out of direct sunlight.



**8. After the shaver is dried completely, install the outer foil section back to the main body. (See page 19.)**

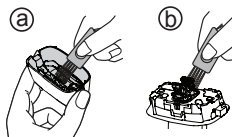
**► Notes**

- Be careful not to hit the main body on the sink or any other objects while shaking the shaver to drain the water. Otherwise, malfunction may be caused.
- Do not use cleaning agents other than hand soap. Doing so may cause malfunction.
- Do not clean this product with thinner, gasoline, alcohol, or other chemicals. Doing so may cause cracking or discoloration. The enclosure can be cleaned with a soft cloth moistened with tap water or soap solution.
- Do not use salt solution or hot water to wash the shaver. Do not soak the shaver in water for a long time.

## Cleaning with the cleaning brush

### ► Cleaning with the long bristle end of the cleaning brush

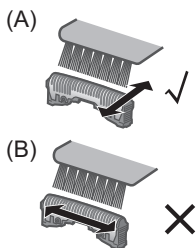
Use the long bristle end of the cleaning brush to clean the system outer foil (a) and the main body (b) of the shaver.



### ► Cleaning with the short bristle end of the cleaning brush

Use the short bristle end of the cleaning brush by moving it in the direction shown in the right figure (A) to clean the inner blades.

- Do not move the short bristle end of the cleaning brush in the (B) direction. Doing so may damage the inner blades and thus affect their sharpness.
- Do not use the short bristle end of the cleaning brush to clean the system outer foil.



## Replacing the system outer foil and the inner blades

- It is recommended to replace the system outer foil once a year and the inner blades once every two years.

### ► Replacement parts

Replacement parts are available at your dealer or Service Center.

Replacement parts for ES-RM3B	System outer foil	WES9087
	Inner blades	WES9068

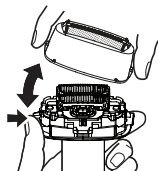
### ► Outer foil section

#### How to remove

Press the foil frame release button, and lift to remove the outer foil section.

#### How to install

Insert the right side first, and then insert the left side until it is in place.



### ► System outer foil

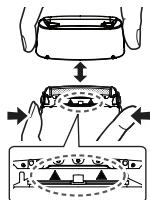
#### How to remove

Press the system outer foil release buttons, and pull down the system outer foil.

#### How to install

Align them correctly, and securely attach them together until a "click" sound is heard.

- The system outer foil cannot be installed backwards.
- To install it back to the shaver, make sure that the system outer foil is inserted into the foil frame.



### ► Inner blades

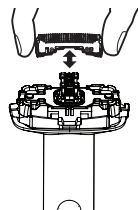
#### How to remove

Remove one inner blade at a time.

- Do not touch the edges (metallic section) of the inner blades or else your hands will be injured.

#### How to install

Insert one inner blade at a time until they are fixed in position.



### ► Note

- Do not press the system outer foil release buttons with excessive force. Doing so may bend the system outer foil, preventing complete attachment to the foil frame.

## FAQ

Question	Answer
If the product has not been used for a long time, will the battery performance be degraded?	<p>► The battery performance may be degraded. Therefore, if the product has not been used for more than half a year, please fully charge the battery once every half a year.</p>
Will the battery life be affected if the product is charged after each use?	<p>► No. However, it is recommended that this product is charged after the battery runs out. The battery life may vary with usage and storage conditions.</p>

## Troubleshooting

Problem	Action
The power switch cannot be turned on.	<p>► Unlock the power switch. (See page 16.)</p>
The shaver cannot be charged.	<p>► The recommended ambient temperature range for charging is 0 °C - 35 °C. When the room temperature exceeds or falls below the recommended ambient temperature range for charging, the charging time may differ and the battery performance may be degraded.</p> <p>► Check whether the USB cable is securely connected to the USB power adaptor. If the above measures are inapplicable, remove the USB cable and insert it again.</p>

Problem	Action
The operating time is short after the shaver is charged.	<p>Although the shaver can be used for about 2 weeks on a full charge (based on dry shaving for 3 minutes a day), the number of usable days may be reduced depending on how or where the shaver is used (e.g., when used for wet shaving).</p>
	<p>If the number of uses gradually decreases after each charge, the battery is approaching the end of its life.</p>
	<p>Clean the shaver. (See pages 16-18.)</p>
The shaver does not operate even after charging.	<p>The recommended ambient temperature for using the shaver is no lower than 0 °C.</p>
	<p>When the power supply is connected, the shaver does not operate. Please fully charge the shaver and disconnect it from the USB power adaptor before using it.</p>
	<p>The battery has reached the end of its life. Please contact an authorized service center if the battery is to be replaced. (At the end of the battery's life, electrolyte leakage may occur.)</p>

Problem	Action
A loud sound is heard.	<ul style="list-style-type: none"> <li>▶ Check that the blades are properly attached.</li> <li>▶ Clean the system outer foil with a brush.</li> </ul>
An odor is noticed from the blades.	<ul style="list-style-type: none"> <li>▶ This can be improved by cleaning the shaver after each shaving.</li> </ul>
Shavings Disperse.	<ul style="list-style-type: none"> <li>▶ This issue can be minimized by cleaning the shaver after each use.</li> <li>▶ Use a brush to clean the inner blades if shavings accumulate on them.</li> </ul>
The system outer foil is overheated.	<ul style="list-style-type: none"> <li>▶ Replace the system outer foil if it is damaged or deformed. (See pages 18 and 19.)</li> </ul>
The shaving performance deteriorates.	<ul style="list-style-type: none"> <li>▶ This can be improved by cleaning the shaver after each shaving.</li> <li>▶ Replace the system outer foil or the inner blades. Expected service life of the system outer foil and the inner blades: System outer foil: Approx. 1 year Inner blades: Approx. 2 years</li> </ul>

If problems still cannot be solved, contact the store where you purchased this product or a service center authorized by Panasonic for repair.

## Battery life

Approximately 3 years. If the operating time is significantly shorter even after a full charge, the battery has reached the end of its life. (The battery life may change due to usage and storage conditions.)

## Removing and disposing of the built-in rechargeable battery

**This product has a built-in rechargeable battery. Be sure to remove the battery before disposing of this product.**

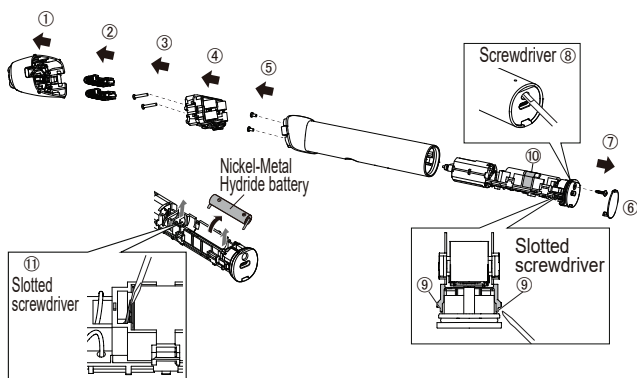
- The battery is to be disposed of safely.
- This figure must only be used when disposing of this product and must not be used to repair it.
- If you dismantle this product yourself, it will no longer be waterproof, which may cause it to malfunction.

## How to remove the built-in rechargeable battery

- We recommend seeking the advice of a dealer or a Panasonic authorized service center before deciding to dispose of this product, so as to extend the service life of this product as much as possible.
- If you decide to dispose of this product but do not want to disassemble this product by yourself to remove the battery, we recommend taking this product to a Panasonic authorized service center who can remove and recycle the battery.
- Disconnect the USB cable from the main body.
- Power off the product before removing the battery.  
Turn on the power and keep the power on until the battery is completely discharged.
- Follow the procedure below to remove the battery:  
Remove the screws ① to ⑦ of the outer foil section and the bottom cover.  
Insert a thin screwdriver into the screw hole to remove the bottom cover ⑧.  
Use a slotted screwdriver to remove the battery buckle ⑨ (x2),

and push the cam forward at the same time.  
Remove the adhesive tape ⑩ from the terminal part.  
Insert a slotted screwdriver into the bottom of the welding joint ⑪ until both ends of the battery are separated from the welding joint, and then remove the battery.

- During disassembly, take care not to short circuit the positive and negative terminals of the removed battery and insulate the terminals by applying tape to them.
- If you cannot remove the battery, please contact an authorized service center.



### For environmental protection and recycling of materials

This product contains a Nickel-Metal Hydride battery.  
Please make sure that the battery is disposed of at an  
officially assigned location, if there is one in your country.



## Specifications

Output rating of applicable adaptor (sold separately)	5.0 V $\overline{\text{---}}$ 1.0 A In compliance with the Safety Extra Low Voltage (SELV) system
Charging time	Approx. 1 hour

This product is intended for household use only.

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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④ EN

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