

# Panasonic®

Operating Instructions  
(Household) Rechargeable Shaver  
Model No. ES-LT8N

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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.**

## Safety precautions

To reduce the risk of injury, loss of life, electric shock, fire, 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 denotation is disregarded and improper use is performed.



## DANGER

Denotes a potential hazard that will result in serious injury or death.



## WARNING

Denotes a potential hazard that could result in serious injury or death.



## CAUTION

Denotes a hazard that could result in minor injury.

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.



## WARNING

### ► Power supply



**Do not connect or disconnect the adaptor to a household outlet with a wet hand.**

- Doing so may cause electric shock or injury.

**Do not immerse the AC adaptor and the self-cleaning recharger in water or wash with water.**

**Do not place the AC adaptor and the self-cleaning recharger over or near water filled sink or bathtub.**

**Never use the appliance if the AC adaptor is damaged or if the power plug fits loosely in a household outlet.**

**Do not damage, modify, or forcibly bend, pull, or twist the cord.**

**Also, do not place anything heavy on or pinch the cord.**

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



**Do not use in a way exceeding the rating of the household outlet or the wiring.**

- Exceeding the rating by connecting too many plugs to one household outlet may cause fire due to overheating.



**Do not use anything other than the supplied AC adaptor and the self-cleaning recharger. Also, do not charge any other product with the supplied AC adaptor and the self-cleaning recharger.**

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

## **WARNING**

-  **Always ensure the appliance is operated on an electric power source matched to the rated voltage indicated on the AC adaptor.**  
**Fully insert the adaptor.**

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

### ► In case of an abnormality or malfunction

**Immediately stop using and remove the 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 unit, self-cleaning recharger, adaptor or cord is deformed or abnormally hot.**
  -  **The main unit, self-cleaning recharger, adaptor or cord smells of burning.**
  -  **There is abnormal sound during use or charging of the main unit, self-cleaning recharger, adaptor or cord.**
- Immediately request inspection or repair at an authorized service center.

### ► This product

-  **This shaver has a built-in rechargeable battery. Do not throw into fire, apply heat, or charge, use, or leave in a high temperature environment.**

- Doing so may cause overheating, ignition, or explosion.

### Do not modify or repair.

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

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

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

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

### ► Cleaning

-  **Always unplug the adaptor from a household outlet when cleaning.**

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

-  **Regularly clean the power plug and the appliance plug to prevent dust from accumulating.**

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

Disconnect the adaptor and wipe with a dry cloth.

-  **This appliance 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 appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.**

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

-  **The supply cord cannot be replaced. If the cord is damaged, the AC adaptor should be scrapped.**

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

### ► Preventing accidents

-  **Persons using an implanted medical electronic device, such as a pacemaker, should not allow this unit to touch the skin where the medical electronic device is implanted.**

- Doing so may cause an accident or illness.

## **WARNING**

**Do not store within reach of children or infants. Do not let them use it.**

-  - Putting the inner blades, the cleaning brush and/or the oil container in the mouth or drinking the detergent may cause accidents and injury.

**If detergent or oil is consumed accidentally, do not induce vomiting, drink a large amount of water and contact a physician.**

-  **If detergent or oil comes into contact with eyes, wash immediately and thoroughly with running water and contact a physician.**
  - Failure to follow these instructions may result in physical problems.

**If detergent contacts skin, wash immediately and thoroughly with soap.**

-  **If you experience skin irritation anywhere on the body, stop using immediately and contact a physician.**
  - Failure to follow these instructions may result in physical injury or injury to the skin.

## **CAUTION**

### ► **Protecting the skin**

**Do not use excessive pressure to apply the system outer foil to your lip or other part of your face. Do not apply the system outer foil directly to blemishes or injured skin.**

-  - Doing so may cause injury to the skin.

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

-  **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.

-  **Do not touch the blade section (metallic section) of the inner blade.**
  - Doing so may cause injury to your hands.

-  **Check the system outer foil for cracks or deformations before use.**
  - Failure to do so may cause injury to the skin.

-  **Be sure to place the protective cap on the shaver when carrying around or storing.**
  - Failure to do so may cause injury to skin or reduce the life of the system outer foil.

### ► **Note the following precautions**

-  **Do not allow pins or trash to adhere to the power plug or the appliance plug.**
  - Doing so may cause electric shock or fire due to a short circuit.

-  **Do not share your shaver with your family or other people.**
  - Doing so may result in infection or inflammation.

-  **Do not remove the shaver from the self-cleaning recharger while using the “AUTO” mode or “Dry/Charge” mode.**
  - Doing so may cause burn due to high temperatures around the blades.

## CAUTION

-  **Do not drop or hit against other objects.**
  - Doing so may cause injury.
-  **Do not wrap the cord around the adaptor when storing.**
  - Doing so may cause the wire in the cord to break with the load, and may cause fire due to a short circuit.
-  **Do not use detergent for any purpose other than washing the shaver blades.**
  - Using it with other products may cause discoloration or cracking.
-  **Immediately wipe up any cleaning liquid that has been spilt.**
  - Prolonged contact may cause discoloration of leather products or wooden floors.
-  **Disconnect the 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.
-  **Disconnect the adaptor or the appliance plug by holding onto the adaptor or the appliance plug instead of the cord.**
  - Failure to do so may cause electric shock or injury.
-  **Use caution when opening detergent as spout is sharp.**
  - Failure to do so may cause injury.

## ▶ Disposing of the rechargeable battery

### DANGER

The rechargeable battery is exclusively for use with this shaver. 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 hit, disassemble, modify, or puncture with a nail.
- 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 jewelry such as necklaces and hairpins.
- Do not charge, use, or leave the battery where it will be exposed to high temperatures, such as under direct sunlight or near other sources of heat.
- Never peel off the tube.
- Doing so may cause overheating, ignition, or explosion.

### 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.

## **WARNING**

**If the battery fluid leaks out, take the following procedures. Do not touch the battery with your bare hands.**



- The battery fluid may cause blindness if it comes in contact with your eyes.  
Do not rub your eyes. Wash immediately with clean water and consult a physician.
- The battery fluid may cause inflammation or injury if it comes in contact with the skin or clothes.  
Wash it off thoroughly with clean water and consult a physician.

## **Intended use**

- 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.



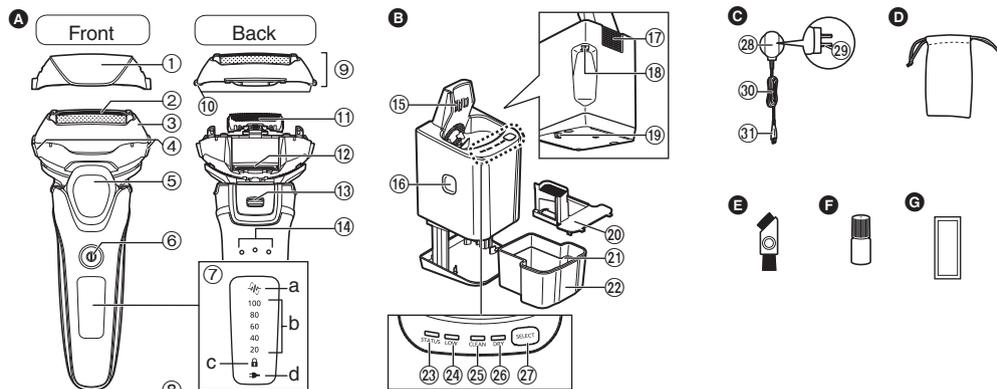
### **► Notes**

- 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 object. 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.

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- 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.
- Do not leave the detergent in location of high temperatures.  
Doing so may cause deterioration.
- Keep both the inner blades inserted. If only one of the inner blades is inserted, the shaver may be damaged.
- If you clean the shaver with water, do not use salt water or hot water. Do not soak the shaver in water for a long period of time.

## Parts identification



### A Main body

- ① Protective cap
- ② System outer foil
- ③ Foil frame
- ④ Foil frame release buttons
- ⑤ Finger rest
- ⑥ Power switch  
To turn the shaver on and off and also lock and unlock the power switch.
- ⑦ Lamp display
  - a. Shaving sensor lamp (—)
  - b. Battery capacity lamp (—)
  - c. Switch lock lamp (🔒)

d. Charge status lamp (→)

- ⑧ Appliance socket
  - ⑨ Outer foil section
  - ⑩ System outer foil release buttons
  - ⑪ Inner blades
  - ⑫ Trimmer
  - ⑬ Trimmer handle
  - ⑭ Main body rear terminals
- ### B Self-cleaning recharger
- ⑮ Charging terminals
  - ⑯ Cleaning liquid unit removal button
  - ⑰ Intake port

- ⑱ Self-cleaning recharger socket
- ⑲ Lock release lever
- ⑳ Cleaning liquid filter
- ㉑ Water maximum line
- ㉒ Cleaning liquid unit
- ㉓ STATUS lamp
- ㉔ LOW lamp
- ㉕ CLEAN lamp
- ㉖ DRY lamp
- ㉗ SELECT button

### C AC adaptor (RE7-87)

- ㉘ Adaptor
- ㉙ Power plug
- ㉚ Cord
- ㉛ Appliance plug

### Accessories

- D Travel pouch
- E Cleaning brush
- F Oil
- G Special detergent (Detergent)

## Operation and display of the switch lock

### ► Locking the power switch

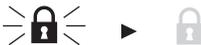
<p>1. Press the power switch once and then release.</p> <ul style="list-style-type: none"> <li>The shaver starts operating.</li> </ul>	<p>2. Press the power switch for more than 2 seconds when the shaver is operating.</p> <ul style="list-style-type: none"> <li>The shaver will stop operating.</li> </ul>	<p>3. Release the power switch.</p>
		
 <p>The switch lock lamp is off.</p>	 <p>The switch lock lamp will light up.</p>	 <p>The switch lock lamp will turn off after 5 seconds.</p>

### ► Unlocking the power switch

<p>1. Press the power switch for more than 2 seconds.</p>	<p>2. Once the shaver starts operating, release the power switch.</p>
	
	
<p>The switch lock lamp will blink.</p>	<p>The switch lock lamp will turn off.</p>

- The power switch cannot be unlocked while charging.

### ► Checking the power switch is locked

<p>Press the power switch while it is locked.</p> 
 <p>The switch lock lamp will blink and then turn off after 5 seconds.</p>

- You can also check this by unplugging the AC adaptor while charging.

## Charging the shaver

### Charging using the self-cleaning recharger

**1** Insert the appliance plug into the self-cleaning recharger.

**2** Remove the protective cap while pressing the side of the cap.

- Turn the shaver off before removing the protective cap.

**3** Slowly insert the shaver into the self-cleaning recharger taking care not to damage the system outer foil.

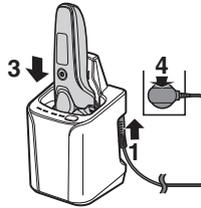
- Wipe off any water droplets on the main body rear terminals.

**4** Plug in the adaptor into a household outlet.

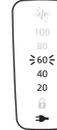
- The “Charge” mode starts when attaching the shaver.
- Check that the charge status lamp (➡) glows.
- Charging is completed after approx. 1 hour.  
The charging time may differ with the charging capacity.
- Charging the appliance after each use will not affect the battery life.
- The appliance can be charged even with the cleaning liquid unit removed.

**5** Disconnect the adaptor after charging is completed.

- Charging the battery for more than 1 hour will not affect battery performance.



#### While charging



The charge status lamp (➡) glows.  
The number of the battery capacity lamp will increase as charging progresses.

#### After charging is completed



The battery capacity lamp and the charge status lamp (➡) will light up and then turn off after 5 seconds.

#### Abnormal charging



The charge status lamp (➡) will blink twice every second.

- Recommended ambient temperature for charging is 10 – 35 °C. It may take longer to charge or the battery may fail to charge properly in extremely high or low temperatures. Charge the shaver within the recommended ambient temperature range.
- When charging the shaver for the first time or when it has not been in use for more than 6 months, the charging time may change or the charge status lamp (➡) may not glow for a few minutes. It will eventually glow if kept connected.
- If there is noise from radio or other source while using the shaver, move to a different location to use the shaver.

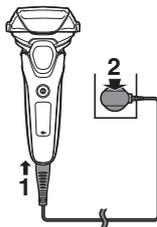
## Charging without the self-cleaning recharger

### 1 Insert the appliance plug into the shaver.

- Turn the shaver off before inserting.

### 2 Plug in the adaptor into a household outlet.

- Wipe off any water droplets on the appliance socket.



### 3 Disconnect the adaptor after charging is completed.

#### Note

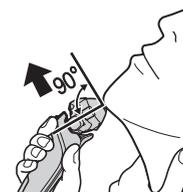
You cannot operate the shaver while charging.

## Using the shaver

### 1 Press the power switch.

- The power cannot be turned on when the switch lock lamp (  ) blinks, as the power switch is locked. Press the power switch for more than 2 seconds to unlock. (See page 8.)

### 2 Hold the shaver as illustrated.



### 3 Shave by slowly gliding the shaver over your face against the grain of the beard.

- Start shaving by applying gentle pressure to your face. Stretch your skin with your free hand and move the shaver back and forth in the direction of your beard. You may gently increase the amount of pressure as your skin becomes accustomed to this shaver. Applying excessive pressure does not provide a closer shave.

#### ► Notes

- If you press the power switch for more than 2 seconds, the sonic vibration cleaning mode is activated. (See page 14.) You cannot shave in this mode.
- Do not place your fingers on the power switch while using the shaver. This may cause the shaver to lock the power switch or turn off. Place your fingers on the finger rest while using the shaver.
- The appliance may not operate in an ambient temperature approximately 5 °C or lower.

- Depending on the beard thickness or the amount of beard trimmings in the shaver head, the shaving sensor may not react and the driving sound may not change. This is not abnormal.
- The shaving sensor may not respond depending on the type of the shaving gel and shaving foam, but this is normal.
- The shaving sensor may not respond when the remaining battery capacity is low. If this happens, recharge the shaver.
- Avoid the following situations to prevent damaging the system outer foil. Applying pressure to any part of the system outer foil or bringing the system outer foil into contact with hard object may cause damage on the system outer foil.
  - Shaving with only a part of the system outer foil.
  - Finger or nail coming into contact with the system outer foil.

### ► Switching the shaver head

You can change the pivot action.

#### FREE

You can move the shaver head.



#### LOCK

You can lock the shaver head.

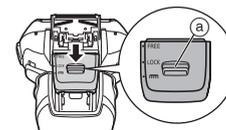


### ► Using the trimmer

Slide the trimmer handle up to the “mm” position so that the trimmer stands upright.



Press and hold the lock release button (a) and slide the trimmer handle down to lower the trimmer.



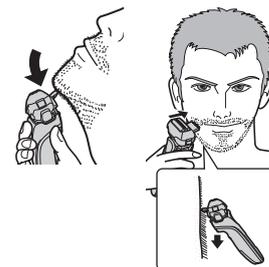
### Trimming sideburns

Slide the trimmer handle up. Turn the shaver on and place at a right angle to your skin and move downwards to trim your sideburns.



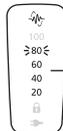
### Pre-shave

The trimmer can be used for a pre-shave of long beards. Shave your beard with the shaver head after the pre-shave.



## Reading lamps when using

While using

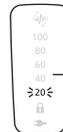


Approximate amount of battery capacity is displayed as 20 - 100.

- It will turn off approximately 5 seconds after operating the power switch.

- The shaving sensor lamp (  ) glows.

When the battery capacity is low



"20" blinks when operating the shaver.

- You can shave 2 to 3 times after "20" blinks. (This will differ depending on usage.)
- The shaver can be used for approximately 2 weeks with a full charge. (Based on one 3-minute dry-shave use per day until the battery is exhausted)
- The number of usable days varies depending on the following conditions.
  - Beard thickness
  - Pressure applied to the skin
  - Ambient temperature
  - Usage frequency of the sonic vibration cleaning mode

## Cleaning the shaver

### Cleaning using the self-cleaning recharger

The self-cleaning recharger cleans the inner blades and the system outer foil. Brush or wash with water to remove beard trimmings in other areas.

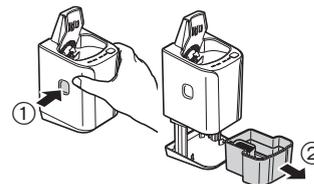
#### ► Preparing the self-cleaning recharger

Remove the AC adaptor from the self-cleaning recharger.

#### 1 Place the self-cleaning recharger on a hard, flat surface.

- If the self-cleaning recharger sits at an angle, liquid may spill or the number of days that cleaning liquid can be used may reduce.
- When the self-cleaning recharger is lifted, or on the soft surface such as carpets, the lock release lever will not fit in the recharger properly. In that case, the cleaning liquid unit cannot be removed.

#### 2 Press the cleaning liquid unit removal button (①) and remove the cleaning liquid unit (②).

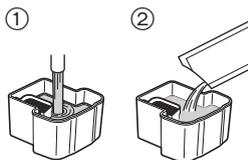


#### 3 Wash away the old cleaning liquid and beard trimmings and then rinse the cleaning liquid unit. (See page 16.)

- After washing, be sure to attach the cleaning liquid filter.

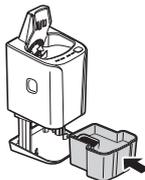
## 4 Pour tap water (①) and detergent (②) into the cleaning liquid unit.

- Do not let the water rise above the maximum water line. This may cause the cleaning liquid to spill.
- Pour the entire packet of detergent (approximately 15 mL).



## 5 Attach the cleaning liquid unit.

- Immediately wipe up any cleaning liquid that has been spilt. Be careful not to drop cleaning liquid onto leather products or wooden floors as it may cause discoloration.



## 6 Press the top of the self-cleaning recharger down and securely attach until it clicks.



### ► Notes

- The water and detergent will mix after cleaning begins, making cleaning liquid.
- If the LOW lamp or the STATUS lamp glows for 5 seconds when the SELECT button is pressed, the cleaning liquid needs to be replaced. Replace the cleaning liquid.
- After the LOW lamp glows, you can clean the shaver with the self-cleaning recharger for approximately 7 days.
- When replaced, the cleaning liquid will last for approximately 30 days if used once per day. (This will differ depending on beard thickness and the ambient temperature.)

- Use the detergent within approximately 6 months after opening the package. When 6 months have passed, discard the cleaning liquid, and then pour new water and detergent into the cleaning liquid unit.
- Replace the water and detergent at the same time. Otherwise the cleaning function may deteriorate.
- Only use self-cleaning recharger detergent for Panasonic shavers. Failure to do so may cause damage or malfunction.

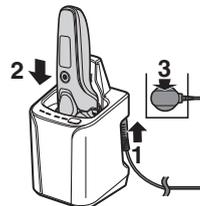
### ► Cleaning the shaver

- Rinse the shaver in water if there is some soap or shaving gel on it.
- When the shaver is wet, shake off excess moisture and then wipe off any remaining droplets. Constituent of the cleaning liquid may alter, which could cause damage or bacterial contamination.

## 1 Insert the appliance plug into the self-cleaning recharger.

## 2 Remove the protective cap and then attach the shaver.

- Slowly insert the shaver into the self-cleaning recharger taking care not to damage the system outer foil.
- Wipe off any water droplets on the main body rear terminals.



## 3 Plug in the adaptor into a household outlet.

## 4 Press the SELECT button to select the mode.

- The “Charge” mode starts when attaching the shaver.
- Each time you press the SELECT button, the mode changes from “AUTO” → “Dry/Charge” → “Charge”.
- The modes start approximately 6 seconds after they are selected.
- The mode will be aborted if the power is cut off. In this case, perform the mode again from the beginning.
- Do not press the cleaning liquid unit removal button as the cleaning liquid may spill causing a malfunction.

## 5 Remove the adaptor after the selected mode is completed.

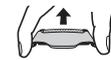
Mode	Time required (guide)		
<b>1 Charge</b> 	<b>Charge</b> 0 to 60 min 		
<b>2 AUTO</b> 	<b>Clean</b> 10 min 	<b>Dry</b> 80 min 	<b>Charge</b> 0 to 60 min 
	<ul style="list-style-type: none"> <li>It is not possible to change the mode after the "AUTO" mode has started.</li> </ul>		
<b>3 Dry/Charge</b> 	<b>Dry</b> 180 min 	<b>Charge</b> 0 to 60 min 	
	<ul style="list-style-type: none"> <li>It is possible to change to the "AUTO" mode even after the "Dry/Charge" mode has started.</li> </ul>		

- The drying time may increase in an ambient temperature approximately 15 °C or lower. The Clean or Dry function may not operate under extreme low temperatures (approximately 0 °C or lower).

## Cleaning the shaver without the self-cleaning recharger

Do not use kitchen, bathroom, or toilet detergents. Also, do not wipe with thinners, benzine, alcohol etc. Doing so may result in malfunction.

- Turn the power switch OFF, and disconnect the AC adaptor.
  - Unlock the switch lock.
- Apply some hand soap and some water to the system outer foil.
- Press the power switch for more than 2 seconds to activate the sonic vibration cleaning mode.
  - The battery capacity lamps blink in order.
  - After about 20 seconds, it will be automatically turned off.
- Remove the outer foil section and press the power switch for more than 2 seconds to activate the sonic vibration cleaning mode.
  - Clean the shaver, the outer foil section, and the trimmer with running water.
  - After rinsing with water, shake the shaver up and down for a few times to remove excess moisture. Hitting the vanity, etc., while shaking the shaver may cause malfunction.
  - Splashing is reduced by rinsing the shaver in sonic vibration cleaning mode.
- Wipe off any drops of water with a dry cloth.
- Dry the outer foil section, the shaver, and the trimmer completely.



8. Attach the outer foil section to the shaver.
9. Lubricate the shaver.

### ► Drying the shaver with the self-cleaning recharger

1. Attach the outer foil section to the shaver.
2. After removing excess moisture, wipe any remaining droplets from the system outer foil, grip, and main body rear terminals.
3. Dry the shaver with self-cleaning recharger using “Dry/Charge” mode.
4. Lubricate the shaver.

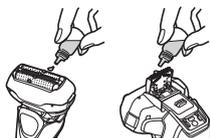
#### Note

Do not use the self-cleaning recharger while droplets, soap, or shaving gel remain on the shaver. Doing so may change the concentration level or constituent of the cleaning liquid in the cleaning liquid unit, which may degrade cleaning, sterilization, and lubrication performance. This may also cause cleaning liquid to spill from the self-cleaning recharger or prevent the blades from drying sufficiently.

## Lubrication

To maintain shaving comfort for a long time, it is recommended that the oil provided with the shaver is used.

1. Switch off the shaver.
2. Apply one drop of oil to each of the system outer foil.
3. Raise the trimmer and apply a drop of oil.
4. Switch the shaver on, and run it for approximately five seconds.
5. Switch off the shaver, and wipe off any excess oil from the system outer foil with a soft cloth.



## Cleaning with the brush

### ► Cleaning with the long brush

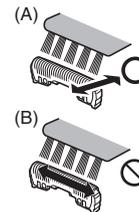
Clean the system outer foil (a), the shaver body (b) and the trimmer (c) using the long brush.



### ► Cleaning with the short brush

Clean the inner blades using the short brush by moving it in direction (A).

- Do not move the short brush in direction (B) as it will damage the inner blades and affect their sharpness.
- Do not use the short brush to clean the system outer foil.

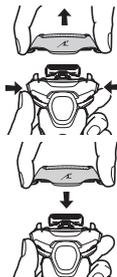


## Replacing the system outer foil and the inner blades

system outer foil	once every year
inner blades	once every two years

### ► Removing the outer foil section

Press the foil frame release buttons and lift the outer foil section upwards.

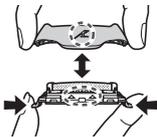


### ► Attaching the outer foil section

After turning the foil frame mark (↙) to the front, securely attach the outer foil section to the shaver until it clicks.

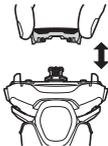
### ► Replacing the system outer foil

1. Press the system outer foil release buttons and pull down the system outer foil.
2. Align the foil frame mark (↙) and the system outer foil mark (△) and securely attach together until it clicks.
  - The system outer foil cannot be reversely attached.
  - Always insert the system outer foil to the foil frame when attaching to the shaver.
  - 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.



### ► Replacing the inner blades

1. Remove the inner blades one at a time.
2. Insert the inner blades one at a time.



### ► Replacement parts

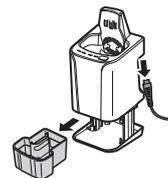
Replacement parts are available at your dealer or Service Center.

Replacement parts for ES-LT8N	System outer foil and inner blades	WES9015
	System outer foil	WES9089
	Inner blades	WES9068
Special Detergent for Shaver Cleaning & Charging System		WES4L03

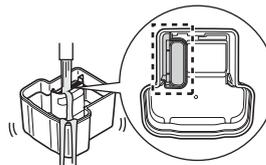
### Cleaning the self-cleaning recharger

- Do not wash the self-cleaning recharger unit with water. Also, do not wipe with thinners, benzine, alcohol etc. Doing so may result in malfunction.
- The cleaning liquid unit and filter can be washed with water.
- Remove the AC adaptor from the self-cleaning recharger.
- We recommend cleaning the self-cleaning recharger each time you change the cleaning liquid.

1. Be sure to remove the cleaning liquid unit from the self-cleaning recharger.
  - Some cleaning liquid components and skin oil may separate and adhere to the cleaning liquid unit and cleaning liquid filter. This does not indicate a problem. Wash with water.



2. Pour water as illustrated while tilting the cleaning liquid unit and shaking it gently.
  - You can clean with the cleaning liquid filter removed.
  - After washing, be sure to attach the cleaning liquid filter.



3. Gently wipe off any beard trimmings attached to the inside of the cleaning tray (a) with a cloth or tissue paper dampened with water.

- Clean the corners and uneven parts of the cleaning tray with a cotton swab dampened with water.



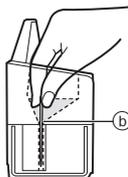
#### ► When the water does not drain from the cleaning tray

- Do not tilt the self-cleaning recharger to pour out water. Doing so may cause the cleaning liquid in the cleaning liquid unit to spill or cause the self-cleaning recharger to malfunction.

- Beard trimmings may clog the drain at the bottom of the cleaning tray.

In this case, you cannot clean or dry the shaver.

1. Be sure to remove the AC adaptor from the self-cleaning recharger.
2. Place the self-cleaning recharger on a flat surface, and push the beard trimmings down through the drain (b) with a toothpick etc.



## Troubleshooting

Perform the following actions.

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

### ► Self-cleaning recharger

Problem	Action
The blade has not been thoroughly washed.	► If the shaver is not cleaned for more than 2 weeks, first clean with the cleaning brush to remove beard trimmings. (See page 15.)
	► Do not add detergent and water except when replacing the cleaning liquid.
	► Doing so may deteriorate the cleaning function. (See page 13.)
The STATUS lamp glows.	► After cleaning, oil-like droplets may remain on the outside of the foil frame. This is the lubricating component of the cleaning liquid and does not indicate a problem. You may wipe it off with a soft cloth.
	► See page 21.

Problem	Action
The mode does not start.	▶ Check that the AC adaptor is connected to the self-cleaning recharger, and that the adaptor is plugged in to a household outlet. (See page 13.)
	▶ Confirm that the shaver is properly attached to the self-cleaning recharger. (See page 13.)
	▶ The Clean or Dry function may not operate under extreme low temperatures (approximately 0 °C or lower).
	▶ Check if the STATUS lamp glows. (See page 21.)
Cleaning liquid has accumulated in the cleaning tray.	▶ Remove any waste, etc. that has accumulated in the drain at the bottom of the cleaning tray. (See page 17.)
	▶ If you use the self-cleaning recharger when the shaver is wet or when soap or shaving gel is on the shaver, cleaning liquid may accumulate in the cleaning tray.

Problem	Action
Makes a loud sound.	▶ During cleaning: The self-cleaning recharger makes a loud sound due to the cleaning of the blades. After cleaning: The self-cleaning recharger makes a loud sound due to the removal of water droplets in order to speed drying. The sound after cleaning is different from the sound during cleaning. The water level has dropped and it is removing water droplets from the blades after cleaning. This does not indicate a problem.
The shaver cannot be charged.	▶ Gently wipe the main body rear terminals and the charging terminals of the self-cleaning recharger with a cloth or tissue dampened with water.
The blades are not dry or are sticky.	▶ The blades may not dry quickly due to temperature conditions. Run the "Dry/Charge" mode again or wipe with a soft cloth before shaving.
The blades crack or deform during cleaning.	▶ Do not insert any foreign objects into the recharger.
	▶ Replace the system outer foil and/or inner blades. (See page 15.)
The cleaning liquid unit cannot be removed.	▶ Place the self-cleaning recharger on a hard, flat surface. (See page 12.)

Problem	Action
The cleaning liquid has foamed.	<ul style="list-style-type: none"> <li>▶ If you mix soapy water or hand soap with the detergent or use another detergent, the cleaning liquid will foam. Use the self-cleaning recharger after thoroughly washing and drying the shaver.</li> <li>▶ Replace the cleaning liquid.</li> </ul>
Cleaning liquid leaked from the cleaning liquid unit.	<ul style="list-style-type: none"> <li>▶ Do not press the cleaning liquid unit removal button during the mode.</li> <li>▶ Place the self-cleaning recharger horizontally.</li> <li>▶ If you use the self-cleaning recharger when the shaver is wet or when soap or shaving gel is on the shaver, cleaning liquid may leak.</li> </ul>

### ▶ Shaver

Problem	Action
The power switch does not turn ON.	<ul style="list-style-type: none"> <li>▶ Unlock the switch lock. (See page 8.)</li> </ul>
Shavings fly out in all directions.	<ul style="list-style-type: none"> <li>▶ This can be improved by cleaning every time after shaving.</li> <li>▶ Clean the inner blades with the brush when shavings are adhering to the inner blades.</li> </ul>

Problem	Action
System outer foil gets hot.	<ul style="list-style-type: none"> <li>▶ Apply oil. (See page 15.)</li> <li>▶ Replace the system outer foil if it is damaged or deformed. (See page 16.)</li> </ul>
Operating time is short even after charging.	<ul style="list-style-type: none"> <li>▶ Apply oil.</li> <li>▶ When the number of operations per charge starts to decrease, the battery is nearing the end of its life.</li> </ul>
The odor is getting stronger.	<ul style="list-style-type: none"> <li>▶ This can be improved by cleaning every time after shaving.</li> </ul>
The driving sound changes while shaving.	<ul style="list-style-type: none"> <li>▶ While the shaving sensor lamp glows, the shaving sensor is operating. The sound changes depending on the beard thickness.</li> </ul>
You do not get as close a shave as before.	<ul style="list-style-type: none"> <li>▶ This can be improved by cleaning every time after shaving.</li> <li>▶ Replace the system outer foil and/or inner blades. Expected life of system outer foil and inner blades: System outer foil:     Approximately 1 year Inner blades:     Approximately 2 years</li> <li>▶ Apply oil.</li> </ul>
The shaver cannot be charged with the self-cleaning recharger.	<ul style="list-style-type: none"> <li>▶ Gently wipe the main body rear terminals and the charging terminals of the self-cleaning recharger with a cloth or tissue dampened with water.</li> </ul>

Problem	Action
Shaver stopped functioning even after charging.	<ul style="list-style-type: none"> <li>▶ The appliance may not operate in an ambient temperature approximately 5 °C or lower.</li> <li>▶ The battery has reached the end of its life.</li> </ul>
Makes a loud sound.	<ul style="list-style-type: none"> <li>▶ Apply oil.</li> <li>▶ The shaver makes a high-pitched sound due to the linear motor drive. This does not indicate a problem.</li> <li>▶ Confirm that the blades are properly attached.</li> <li>▶ Clean the system outer foil with the brush.</li> </ul>

Problem	Action
The shaving sensor does not respond.	<ul style="list-style-type: none"> <li>▶ Depending on the beard thickness or the amount of beard trimmings in the shaver head, the shaving sensor may not react and the driving sound may not change. This is not abnormal.</li> <li>▶ The shaving sensor may not respond depending on the type of the shaving gel and shaving foam, but this is normal.</li> <li>▶ The shaving sensor may not respond when the remaining battery capacity is low. If this happens, recharge the shaver.</li> <li>▶ Apply oil. The shaving sensor may not respond when there is not enough oil on the blades.</li> </ul>
The shaving sensor responds even though the shaver is not in contact with the skin.	<ul style="list-style-type: none"> <li>▶ Clean the beard trimmings from the shaver.</li> <li>▶ When the shaver is extremely dirty, remove the foil frame and wash with water. (See page 14.)</li> <li>▶ Replace the system outer foil and/or inner blades. Expected life of system outer foil and inner blades: System outer foil:     Approximately 1 year Inner blades:     Approximately 2 years</li> </ul>

### ► When the STATUS lamp of the self-cleaning recharger glows

It will light up for approximately 5 seconds every time the SELECT button is pressed.

Problem	Action	
It is time to replace the cleaning liquid.	► Pour new water and detergent into the cleaning liquid unit.	The "AUTO" mode cannot be used. The "Charge" and "Dry/Charge" modes can be used.
The cleaning liquid unit is not properly attached.	► Properly attach the cleaning liquid unit.	
The self-cleaning recharger is tilted.	► Place the self-cleaning recharger on a horizontal surface.	
Use the self-cleaning recharger outside the range of the recommended usage temperature.	► Use the self-cleaning recharger in temperature 15 °C or higher.	Only "Charge" mode can be used.

After performing the above operation, press the SELECT button and select a mode.

### ► When all self-cleaning recharger's lamps blink

Problem	Action
Appliance failure	► Contact an authorized service center.

## FAQ

Question	Answer
Why does "Dry/Charge" mode take longer than "AUTO" mode?	► The drying time for the "Dry/Charge" mode is set longer as there may still be excess moisture on the grip or areas other than the system outer foil after the shaver has been rinsed and cleaned with water. On the other hand, the drying time for the "AUTO" mode is shorter since only the system outer foil is wet, which reduces the total time for the whole mode.
Can I refill the self-cleaning recharger with water when the cleaning liquid has decreased?	► Do not refill with water. Replace the cleaning liquid.
Can the self-cleaning recharger be used to wash other models?	► This self-cleaning recharger can only be used for the ES-LT8N model. Doing so may cause malfunction, so do not use with other models.
Will the battery deteriorate if not used for an extended period of time?	► The battery will deteriorate if not used for over 6 months, so make sure to perform a full charge at least once every 6 months.
Can I charge the shaver after every use?	► The battery used is a lithium-ion, so charging after every use will have no effect on battery life.

### Question

What is the constituent of the dedicated oil and the detergent?

### Answer

Constituent of the oil is liquid paraffin.  
Constituent of the detergent is non-ionic surfactant agent, antimicrobial agent, lubricant, and fragrance.

## Battery life

The life of the battery is 3 years. The battery in this shaver is not intended to be replaced by consumers. Have the battery replaced by an authorized service center.

## Removing the built-in rechargeable battery

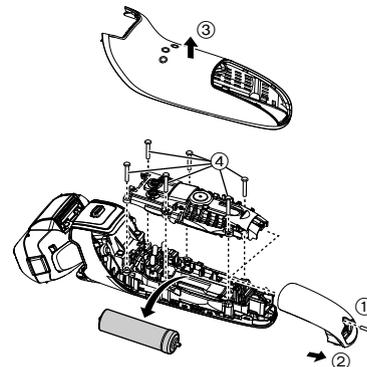
**Remove the built-in rechargeable battery before disposing of the shaver.**

Please make sure that the battery is disposed of at an officially designated location if there is one.

This figure must only be used when disposing of the shaver, and must not be used to repair it. If you dismantle the shaver yourself, it will no longer be waterproof, which may cause it to malfunction.

- Remove the shaver from the AC adaptor.
- Press the power switch to turn on the power and then keep the power on until the battery is completely discharged.

- Perform steps ① to ④ and lift the battery, and then remove it.
- Take care not to short circuit the positive and negative terminals of the removed battery, and insulate the terminals by applying tape to them.



### For environmental protection and recycling of materials

This shaver contains a Lithium-ion battery.

Please make sure that the battery is disposed of at an officially assigned location, if there is one in your country.

## Specifications

Power source	See the name plate on the AC adaptor. (Automatic voltage conversion)
Motor voltage	3.6 V $\overline{---}$
Charging time	Approx. 1 hour

This product is intended for household use only.



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