

# Panasonic®

使用说明书（另附保修证）

（家用）电动剃须刀

型号 ES-CT30

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## 使用说明书 (家用) 电动剃须刀 型号 ES-CT30

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感谢您购买这款 Panasonic 产品。


在使用本产品前，请仔细阅读本说明书并妥善保管，以备将来参考。


## 安全注意事项


为减少受伤、死亡、触电、火灾以及财产损坏的危险，请务必遵守以下安全注意事项。

### 标志说明


以下标志用于对因无视标志说明和使用不当而导致的危险、伤害和财产损失的程度进行分类和描述。


 **危险** 表示将会导致重伤或死亡的潜在危险。

 **警告** 表示可能会导致重伤或死亡的潜在危险。

 **注意** 表示可能会导致轻伤或财产损失的危险。


以下标志用于对需要遵循的说明的种类进行分类和描述。


 此标志用于提醒用户注意禁止采取的操作步骤。

 此标志用于提醒用户注意为了安全操作本产品而必须遵循的操作步骤。

## 警告

### ► 本产品

 **请勿使用本产品进行湿剃。**  
-否则可能造成触电或因短路引发火灾。

 **本剃须刀内置充电电池，请不要将其丢入火中进行加热或在高温环境中充电、使用和保管。**  
-否则会导致过热、起火或爆炸。

**请勿自行改装或维修。**  
-否则可能导致火灾、触电或受伤。  
联系授权的维修中心进行维修（更换电池等）。

 **除废弃本产品时以外，切勿进行拆解。**  
-否则可能导致火灾、触电或受伤。

## 警告

### ► 如果发生异常或故障

如果发生异常或故障，应立即停止使用并断开适配器。

-否则可能导致火灾、触电或受伤。

<异常或故障情况>



•本机、适配器或电源线变形或异常变热。

•本机、适配器或电源线发出烧焦的气味。

•本机、适配器或电源线在使用或充电过程中发出异常声音。

-立即请求授权的维修中心进行检查或维修。

### ► 电源



请勿用湿手在家用电源插座上插拔适配器。

-否则可能导致触电或受伤。

请勿将电源适配器浸入水中或用水清洗。  
请勿将电源适配器放在注水的水槽或浴缸的上面或附近。



如果电源适配器损坏，或者电源插头未牢固插入家用电源插座，切勿使用本机。

请勿损坏、改装，或用力弯曲、拉扯或扭曲电源线。另外，请勿在电源线上放置重物或挤压电源线。

-否则可能造成触电或因短路引发火灾。

使用时请勿超过家用电源插座或接线的额定值。



-如果在一个家用电源插座上连接过多插头而使其超过额定值，可能会因过热而引发火灾。

除附带的电源适配器和充电底座外，请勿使用其他电源适配器。此外，请勿使用附带的电源适配器对其他产品充电。（见第10页。）



-否则可能因短路而导致灼伤或火灾。

请务必确保电源适配器的工作电压符合其额定电压。



适配器要插紧到根部。

-否则可能引发火灾或触电。



## 警告



用水清洗剃须刀时，应断开电源适配器。  
-否则可能导致触电或受伤。

定期清洁电源插头和电源线插头，防止灰尘积聚。



-否则可能因潮湿造成绝缘故障，从而引发火灾。

### ► 防止事故

请勿放在儿童和婴幼儿的接触范围之内。

请勿让儿童和婴幼儿使用。



-将部件或附件放入口中可能导致意外事故或受伤。

不慎误食润滑油时，请勿勉强催吐，应大量饮水，然后及时就医。



如润滑油不慎入眼，应立即用流水彻底清洗，然后及时就医。

-否则可能导致身体不适。

### ► 注意以下注意事项

本产品不宜供肢体、感官或精神上有残疾者、或缺乏经验和知识者（包括儿童）使用，必须有监护者从旁监督并对本产品的使用加以指导，且对使用者的安全能承担责任。请避免儿童将本产品视为玩具，从而引发危险。



-否则可能导致事故或受伤。

电源线不能更换，如果电源线损坏，此电源适配器应废弃。



-否则可能导致事故或受伤。

请妥善处理本产品的包装袋，使其远离婴幼儿。



-否则可能导致婴幼儿窒息等意外发生。

## 注意

### ► 保护皮肤

请勿将外刀网过度压向嘴唇或面部其他部位。



请勿将外刀网直接接触伤疤或损伤的皮肤。

请勿触摸内刀头的刀头部分（金属部分）。

-否则可能对皮肤或手造成伤害。

请勿用力按压外刀网。此外，在使用过程中，也不要用手指或指甲触碰外刀网。



请勿使用本产品剃除头发或身体其他部位的毛发。

-否则可能导致皮肤受伤或缩短外刀网使用寿命。



在使用前，请检查外刀网是否破裂或变形。

-否则可能导致皮肤受伤。



外出携带或存放时，请务必装上保护盖。

-否则可能导致皮肤受伤或缩短外刀网使用寿命。

### ► 注意以下注意事项

存放时，请勿将电源线缠绕在适配器上。



-否则可能导致电源线断线，发生烫伤、触电，或由于短路导致火灾。



请勿让金属物质或杂物粘附在电源插头或电源线插头上。

-否则可能造成触电或因短路引发火灾。



请勿握住电源线部分断开适配器或电源线插头。

-否则可能导致触电或受伤。



不要与您的家人或其他人员共用剃须刀。

-否则可能引起感染或炎症。



请勿跌落或撞击其他物体。

-否则可能导致受伤。



不用本产品时，请将适配器从家用电源插座上拔下。

-否则可能因绝缘性能下降而导致漏电，从而引发触电或火灾。

## 废弃本产品时拆下电池的处理

### 危险

- 此充电电池专用于此产品。请勿将其用于其它产品。
- 请勿对已从此产品上拆下的电池充电。
- 请勿对其加热或将其投入火中。
- 请勿敲击、拆解、改装或用指甲刮擦。
- ⊘ 请勿用金属物体连接电池的正负极端子。
- 请勿将电池与发夹等金属饰品放在一起。
- 请勿在高温环境（如直射阳光下或其他热源附近）下使用或放置电池。
- 请勿撕掉电池外皮。
- 否则会导致过热、起火或爆炸。

### 警告

- 取出充电电池后，请勿将其放在儿童和婴儿可触及的范围内。
- ⊘ - 不慎吞服电池会造成人身伤害。  
如发生此种情况，应立即就医。
- 
- 如电解液泄漏，请勿用手直接接触电池。
- 电解液不慎入眼可能会导致失明。  
请勿揉眼。应立即用清水冲洗眼睛，并送医就诊。
  - ⊘ - 如电解液不慎接触到皮肤或衣物，可能会导致炎症或受伤。  
应立即用清水彻底冲洗，并送医就诊。

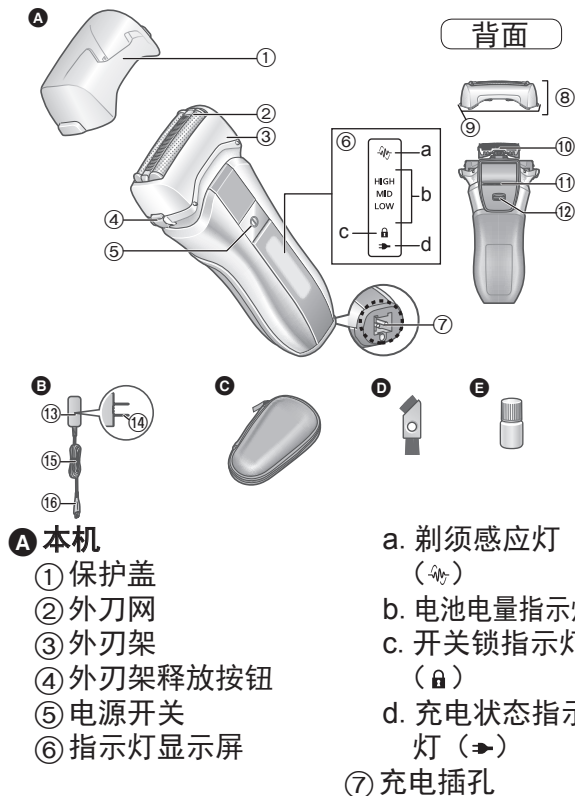


## 使用须知

- 请勿让外刀网接触硬物。否则可能会损坏刀头，因为刀头很薄，容易变形。
- 请勿用烘干机或暖风机干燥本机。否则可能导致故障或部件变形。
- 拆下外刀架时，请勿让剃须刀受阳光直射。否则可能使防水橡胶劣化，降低防水功能，从而引发故障。
- 请在使用后将剃须刀存放在干燥的地方。否则可能因结露或生锈而导致故障。
- 请确认剃须刀装有两个内刀头，若仅装有一个内刀头的话，剃须刀可能已损坏。
- 可用清水清洗剃须刀，不要使用盐水或热水。不要将剃须刀长时间浸泡在水中。
- 以下符号表示需要用特定的可拆卸式供电装置将电器连接到供电电源。供电装置的类型参考标示在符号附近。



## 各部分名称



- ⑧ 外刀部
- ⑨ 外刀网释放按钮
- ⑩ 内刀头
- ⑪ 修剪刀
- ⑫ 修剪刀操纵杆

- ⑬ 适配器 (RE7-87)
- ⑭ 电源插头
- ⑮ 电源线
- ⑯ 电源线插头

附件

- ⑰ 旅行携带小包
- ⑱ 清洁刷
- ⑲ 润滑油

## 准备

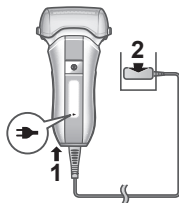
### 充电

- 关闭剃须刀电源。
- 擦干充电插孔上的水滴。

1 将电源适配器电源线插头与剃须刀连接。

2 将适配器插入家用电源插座。

- 确认充电状态指示灯 (➡) 已经亮起。
- 约 1 小时, 即可完成充电。



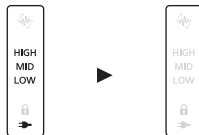
### 3 完成充电后应断开适配器连接。

#### 充电时



充电状态指示灯 (➡) 亮起。  
充电过程中, 电池电量指示灯将按“LOW”、“MID”、“HIGH”顺序闪烁。

#### 充电完成后



电池电量指示灯和充电状态指示灯 (➡) 将点亮, 并在 5 秒之后熄灭。

#### 充电异常



充电状态指示灯 (➡) 将快速闪烁 (每秒闪烁两次)。

#### 注意

- 购买后初次使用或半年以上未使用过, 充电时间可能会发生变化或充电状态指示灯 (➡) 可能不会立即亮, 继续充电几分钟后即正常。

- 推荐的充电环境温度为 10 摄氏度至 35 摄氏度。如果环境温度过高或者过低，充电时间可能延长或者无法正常充电。充电故障时充电状态指示灯 (➡) 快速闪烁。
- 剃须刀充满电后可使用约 2 周。  
(按室温 20 摄氏度至 30 摄氏度条件下每天 - 干剃 3 分钟 - 计算。)  
可用天数取决于以下条件。
  - 胡须的浓密
  - 对皮肤施加的压力
  - 声波洗净模式的使用频率
- 使用或给本产品充电时，如果有无线电的噪音或其他来源的噪音，请换个地方使用本产品。

## 使用方法

### 剃须

#### 1 按 ① 并剃须。

- “剃须感应器”将会运行，可根据胡须的浓密调节剃须强度。在胡须浓密的部位，剃须强度加大，在胡须稀疏的部位，剃须强度减弱，以减轻皮肤的负担。

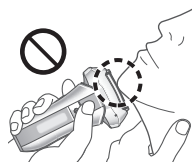
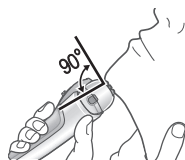


- 开关锁指示灯 (🔒) 闪烁时无法打开电源，因为电源开关已经被锁定。请按电源开关 2 秒以上进行解锁。(见第 12 页。)

#### 改善剃须效果的技巧

将整个外刀网垂直贴在皮肤上，使剃须刀逆着胡须的生长方向慢慢地在脸上滑动。

- 对于下巴下面和喉咙周围的胡须，可通过拉伸皮肤使胡须立起来，从而改善剃须效果。
- 为防止外刀网损坏，请勿仅使用外刀网的一部分剃须。



#### 2 剃完时按 ①。

## 使用时



电池电量的近似值以 LOW – HIGH 进行显示。

- 打开电源开关后约 5 秒钟电池电量指示灯将会熄灭。
- 剃须感应灯 (🔍) 闪烁。
- 使用交流电剃须时充电状态指示灯 (🔌) 亮起。

## 电池电量不足时



启动 / 关闭剃须刀时“LOW”闪烁。

- 关闭电源开关后发出两声提示音。
- 电量显示“LOW”后您还可以使用剃须刀 2 到 3 次。(根据时间长短的不同使用次数也会有所不同。)

## 注意

- 使用剃须刀的推荐环境温度不低于 5 摄氏度。当室温低于推荐使用温度时，此剃须刀可能会停止运行。

- 根据胡须的浓密或刀头内的胡须残渣量，剃须感应器可能没有反应，驱动声音可能不变。这不是异常现象。
- 剃须刀未运行时（开关锁处于解锁状态）按电源开关 2 秒以上，将启动声波洗净模式。（见第 13 页。）  
在此模式下不可剃须。

## 锁定 / 解锁电源开关

## 锁定电源开关

1. 按一下 [⏻]，然后松开。  
• 剃须刀开始运行。
2. 按 [⏻] 2 秒以上，直到开关锁指示灯 (🔒) 亮起。  
• 剃须刀将停止运行。
3. 松开 [⏻]。  
• 开关锁指示灯 (🔒) 将亮起 5 秒，然后熄灭。



## 解除电源开关的锁定

1. 按 **①** 2 秒以上，直到开关锁指示灯 ( **Ⓐ** ) 关闭。
2. 一旦剃须刀开始运行，松开 **①**。  
• 开关锁指示灯 ( **Ⓐ** ) 将熄灭。



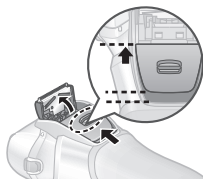
## ► 利用交流电剃须

当电池电量低时，您可将剃须刀通过电源适配器连接至家用电源插座，利用交流电进行剃须。

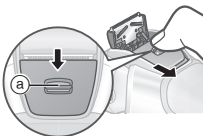
- 通过电源适配器使用剃须刀时，电池仍会耗电。
- 如果剃须刀不能正常使用，请充电约 1 分钟再使用。

## ► 使用修剪刀

1. 将修剪刀操纵杆往上推。
2. 按 **①** 并使用。



按住顶部旋钮 ( **Ⓐ** )，向下滑动修剪刀操纵杆，降下修剪刀。



## 改善使用效果的技巧

轻轻地将修剪刀边缘垂直贴在皮肤上并向下缓慢移动。

修剪鬓角



预剃长胡须



## 清洗剃须刀

建议每次使用后清洁剃须刀。

## 用水清洗

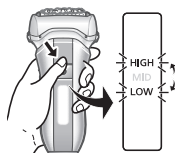
- 关闭剃须刀电源，然后断开电源适配器。

- 1 在外刀网上涂抹少量洗手液和水。



- 2 按 **①** 2 秒钟以上以启动声波洗净模式。

- 可抑制泡沫飞溅。
- 电池电量指示灯依次闪烁。



- 约 20 秒钟后，电源自动关闭，或者按电源开关关闭电源。

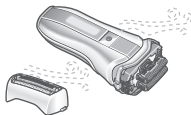
### 3 拆下外刀部，用流动水清洗。

- 关于如何安装和拆卸外刀部，请参阅第 15 页。
- 以声波洗净模式清洗剃须刀可减少水溅。
- 用水冲洗后，将剃须刀上下甩动几次，除去多余的水分，然后用干燥的布擦掉水滴。



### 4 使外刀部、剃须刀和修剪刀充分干燥。

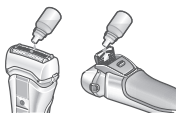
- 让剃须刀在阴凉处晾干，避免阳光直射。



### 5 给剃须刀上润滑油。

可保持刀头顺利移动和剃须舒适。

1. 给每个外刀网滴一滴润滑油。
2. 推起修剪刀并滴一滴润滑油。
3. 启动剃须刀电源，运转约 5 秒钟。
4. 关闭剃须刀电源，使用软布将外刀网上多余的润滑油拭去。



左侧符号表示适合用在打开的水龙头下进行清洗。

#### 警告

用水清洗剃须刀前，请将剃须刀与电源线分离，以防触电。

#### 注意

- 排水时请注意不要让本机碰到水槽或其他物体。否则可能造成故障。
- 请勿使用稀释剂、汽油、酒精等物质擦拭。否则可能导致故障，或部件破裂或褪色。请用稀释的肥皂水擦拭。
- 请勿使用除洗手皂之外的其他厨房或浴室清洁剂。否则可能导致故障。

### 使用清洁刷清洁

拆下外刀部和内刀头。  
(见第 15 页。)

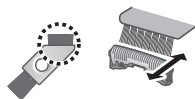
#### ► 使用长刷清洁

用长刷清洁外刀部、外刀网、剃须刀本体和修剪刀。



### ► 使用短刷清洁

- 使用短刷，沿右图所示的移动方向移动，清洁内刀头。
- 请勿将短刷垂直贴着刀头移动，否则会损坏内刀头而影响刀片的锋利度。

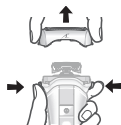


## 更换外刀网和内刀头


外刀网	每年一次
内刀头	每两年一次

### ► 取出外刀部

按下外刀架释放按钮并向上提起取出外刀部。





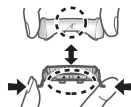
### ► 安装外刀部

将外刀架（）标识转到前面以后，把外刀部稳固地安装到剃须刀直至其到位。



### ► 更换外刀网

1. 按下外刀网释放按钮，拉出外刀网。
  - 请勿使用过大的力量按压外刀网释放按钮。否则可能造成外刀网弯曲，无法完全安装到外刀架。
2. 对齐外刀架（）标识和外刀网（）标识然后稳固地安装在一起，直至其发出卡嗒声。



### ► 更换内刀头

1. 取下内刀头，一次取一个。
2. 插入内刀头，一次插入一个。



### 注意

请勿扔掉外刀架。

### ► 更换部件

更换部件在经销商或 Panasonic 认定维修店有售。

ES-CT30 的更换部件	外刀网	WES9087
	内刀头	WES9068

## 常见问题解答

问题	解答
如果长期不使用，电池会劣化吗？	▶ 如果超过6个月不使用，电池会劣化；因此，请确保每6个月至少进行一次完全充电。
我可以在每次使用后为剃须刀充电吗？	▶ 使用的电池是锂电池，因此每次使用后充电不会影响电池的寿命。
充电后为什么要断开适配器？	▶ 电池充电超过1小时不会影响电池的性能，但为了安全和节省能源，请断开适配器。
专用润滑油的成分是什么？	▶ 润滑油的成分是液体石蜡。
本产品关闭后为什么发出两声提示音？	▶ 提示音表示电池电量变低。请给本产品充电。

## 故障排除

请采取以下措施。

如果按照以上方法还不能解决，请咨询购买的销售店或联系 Panasonic 授权的维修中心进行维修。

故障	纠正措施
无法打开电源开关。▶	解除开关锁的锁定。 (见第12页。)
剃须感应器无响应。▶	根据胡须的浓密或刀头内的胡须残渣量，剃须感应器可能没有反应，驱动声音可能不变。这不是异常现象。  如果剩余的电池电量过低，则剃须感应器可能无法响应操作。如发生此种情况，请对剃须刀充电。  请涂抹润滑油。(见第14页。) ▶ 如果刀头上润滑油不足，剃须感应器可能无响应。



故障	纠正措施
即便剃须刀未接触到皮肤，剃须感应器仍发生响应。	<p>清除剃须刀上的碎屑。剃须刀很脏时，可取下外刀架，用清水进行冲洗。 (见第 13 页。)</p>
	<p>请更换外刀网和 / 或内刀头。 外刀网和内刀头的预期使用寿命： 外刀网：     大约 1 年 内刀头：     大约 2 年</p>
即便在刚充电之后，剃须刀工作期间仍比较短。	<p>▶ 请涂抹润滑油。</p>
	<p>▶ 每次剃须后进行清洁，可改善这一状况。 如果每次充电之后的使用次数开始减少，说明电池的寿命已接近极限。</p>

故障	纠正措施
充电后剃须刀仍不运行。	<p>▶ 使用剃须刀的推荐环境温度 为不低于 5 摄氏度。</p>
	<p>▶ 电池已到达使用寿命终点。在这种情况下，连接着电源适配器打开电源时，剃须刀将不会运行。</p>
剃须时，驱动声音发生变化。	<p>▶ 剃须感应器正在运行。声音随胡须厚度而变化。</p>
	<p>▶ 请涂抹润滑油。 刀头上没有润滑油时，刀头移动不畅，需要更多动力。</p>
发出较大的声音。	<p>▶ 磁悬浮马达驱动时会发出较响的运转声。这并不代表存在异常。</p>
	<p>▶ 确认刀头安装正确。 ▶ 请用刷子清洁外刀网。</p>
散发的气味越来越浓。	<p>▶ 每次剃须后进行清洁，可改善这一状况。</p>

故障	纠正措施
胡须渣四处飞溅。	<p>▶ 每次剃须后进行清洁，可改善这一状况。</p> <p>▶ 胡须渣粘附在内刀头上时，用刷子清理内刀头。</p>
外刀网过热。	<p>▶ 请涂抹润滑油。</p> <p>▶ 外刀网如有损坏或变形，请予以更换。（见第 15 页。）</p>
无法像以前那样贴近剃须刀。	<p>▶ 每次剃须后进行清洁，可改善这一状况。</p> <p>▶ 请更换外刀网和 / 或内刀头。</p> <p>▶ 外刀网和内刀头的预期使用寿命：</p> <p>▶ 外刀网：大约 1 年</p> <p>▶ 内刀头：大约 2 年</p> <p>▶ 请涂抹润滑油。</p>

## 电池寿命

电池寿命为 3 年。剃须刀内的电池不可由消费者自行更换。应请授权的维修中心完成电池的更换操作。

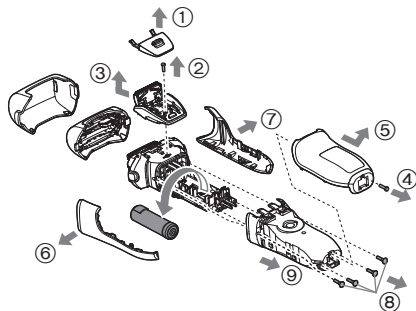
## 内置式充电电池的取出方式

**在报废剃须刀之前，请先拆除内置的充电电池。**如有官方指定的电池处理场所，请务必在指定处对旧电池进行统一处理。

在废弃产品时才可使用图示方法，切勿使用此方法进行维修。如果自行拆解本剃须刀，剃须刀会丧失防水能力，可能会引起功能故障。

- 请将剃须刀和电源适配器分离。
- 按下电源开关通电，然后保持通电直至电池电量彻底放尽。

- 按下图所示的①～⑨的顺序拆开本产品，卸下电池。
- 注意避免让拆下的电池的正负端子短路，在端子上贴胶带对其进行绝缘。



#### 环境保护与资源回收

此剃须刀使用锂电池。

如果您的国家有相关规定，请务必在指定处对旧电池进行统一处理。

## 规格

产品名称	电动剃须刀
产品型号	ES-CT30
电源适配器额定输入	100-240 V~ 50-60 Hz 180 mA
电源适配器额定输出	4.8 V== 1.25 A
充电时间	约 1 小时
原产地	本机：日本 电源适配器：中国
生产日期	请见商品上刻印
执行标准	GB4706.1 附录 B GB4706.9

本产品仅适合家庭使用。

### 产品中有害物质的名称及含量

部件名称	有害物质						备注
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	
塑料部件	○	○	○	○	○	○	
金属部件	×	○	○	○	○	○	
电气回路组件	×	○	○	○	○	○	
电源线、 内部配线	×	○	○	○	○	○	
电源适配器	×	○	○	○	○	○	
玻璃、陶瓷	×	○	○	○	○	○	仅部分机型 含有该部件

本表格依据SJ/T 11364的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

×：表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。



此标志标识产品的环保使用期限为10年，在环保使用期限内，产品中含有的有毒有害物质或元素在正常使用下不会发生外泄或突变，用户使用该产品不会对环境造成严重污染或对其人身、财产造成严重损害。产品过了环保使用期要废弃时，必须按国家相关法律法规进行合理处理。

## Operating Instructions (Household) AC/Rechargeable Shaver Model No. ES-CT30

### Contents

<b>Safety precautions .....</b>	<b>22</b>	<b>FAQ .....</b>	<b>34</b>
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<b>Parts identification .....</b>	<b>27</b>	<b>Battery life .....</b>	<b>37</b>
<b>Preparation.....</b>	<b>28</b>	<b>Removing the built-in rechargeable battery.....</b>	<b>37</b>
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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 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.



## WARNING

### ► This product



**Do not use the appliance for wet shaving.**

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



**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.



## WARNING

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

► **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 in water or wash with water.**

**Do not place the AC adaptor 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 for any purpose. Also, do not use any other product with the supplied AC adaptor. (See page 28.)**

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



**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.



## WARNING



**Disconnect the AC adaptor when cleaning the shaver with water.**

- 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.

### ► Preventing accidents



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

- Putting parts or accessories in the mouth may cause an accident or injury.

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



**If 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.

### ► Note the following precautions

**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.



**Properly dispose the package of the appliance, keep the package away from infants.**

- Failure to do so may cause suffocation of infants from happening.





## 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.**

**Do not touch the blade section (metallic section) of the inner blade.**

- Doing so may cause injury to skin or hand.

**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.



**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 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 allow metal objects 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 disconnect the adaptor or the appliance plug by holding onto the cord.**



- Doing so may cause electric shock or injury.

**Do not share your shaver with your family or other people.**



- Doing so may result in infection or inflammation.

**Do not drop or hit against other objects.**



- Doing so may cause injury.

**Disconnect the adaptor from the household outlet when not using.**



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



## 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 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 keep the battery together with metallic jewelry such as hairpins.
- Do not 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.

**If the battery fluid leaks out, 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.

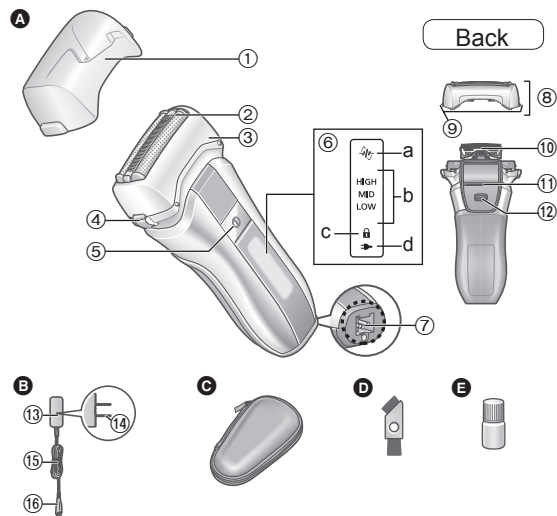
Wash it off thoroughly with clean water and consult a physician.

## Intended use

- 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.
- 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.
- The following symbol indicates that a specific detachable power supply unit is required for connecting the electrical appliance to the supply mains. The type reference of power supply unit is marked near the symbol.



## Parts identification



### A Main body

- Protective cap
- System outer foil
- Foil frame
- Foil frame release buttons
- Power switch
- Lamp display
  - Shaving sensor lamp (⚡)

- Battery capacity lamp
  - Switch lock lamp (⏻)
  - Charge status lamp (➡)
- Appliance socket
  - Outer foil section
  - System outer foil release buttons

- ⑩ Inner blades
- ⑪ Trimmer
- ⑫ Trimmer handle
- B AC adaptor (RE7-87)**
- ⑬ Adaptor
- ⑭ Power plug
- ⑮ Cord
- ⑯ Appliance plug

- Accessories
- C Travel case**
- D Cleaning brush**
- E Oil**

## Preparation

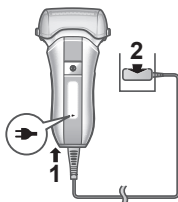
### Charging the shaver

- Turn the shaver off.
- Wipe off any water droplets on the appliance socket.

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

**2 Plug the adaptor into a household outlet.**

- Check that the charge status lamp (➡) is glowing.
- Charging is completed after approx. 1 hour.



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

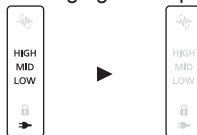
### While charging



The charge status lamp (➡) glows.

The battery capacity lamp will blink in order of “LOW”, “MID”, and “HIGH” while the 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.

### Notes

- 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.

- Recommended ambient temperature for charging is 10 °C – 35 °C. It may take longer to charge, or the charge status lamp (➔) will blink quickly and the battery may fail to charge properly in extremely high or low temperatures.
- The shaver can be used for approximately 2 weeks with a full charge.  
(Based on one 3-minute dry-shave usages per day in an ambient temperature range of 20 °C – 30 °C.)  
The number of usable days varies depending on the following conditions.
  - Beard thickness
  - Pressure applied to the skin
  - Usage frequency of the sonic vibration cleaning mode
- If there is noise from the radio or other sources while using or charging the appliance, move to a different location to use the appliance.

## How to use

### Shaving beard

#### 1 Press and shave.

- The “shaving sensor”, which automatically adjusts the power depending on the beard thickness, will operate.

It will shave with high power on areas where the beard is heavy, and reduce the power on areas where the beard is thin, to reduce burden on the skin.

- The power cannot be turned on when the switch lock lamp (🔒) blinks, as the power switch is locked.

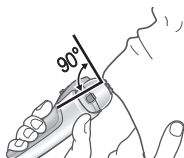
Press the power switch for more than 2 seconds to unlock.

(See page 31.)

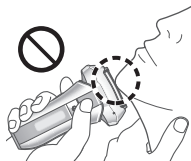


## Tips for better shaving

Apply the whole system outer foil perpendicularly against the skin and shave by slowly gliding the shaver over the face against the grain of the beard.



- The beard under the chin and around the throat can be shaved better by stretching the skin so the beard will stand.
- To prevent damaging the system outer foil, do not shave with only a part of the system outer foil.





## 2 Press when finished.

While using



Approximate amount of battery charge is displayed as LOW – HIGH.

- It will turn off approximately 5 seconds after operating the switch.
- The shaving sensor lamp () blinks.
- The charge status lamp () glows when using cord shaving.

When the battery capacity is low



“LOW” blinks when operating the shaver.






- The appliance beeps twice after switched off.
- You can shave 2 to 3 times after “LOW” appears.  
(This will differ depending on usage.)

## Notes

- The appliance may not operate in an ambient temperature lower than approximately 5 °C.
- 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 sonic vibration cleaning mode is activated when the power switch is pressed for more than 2 seconds while the shaver is not operating (the switch lock is unlocked). (See page 32.)  
You cannot shave in this mode.





## Locking/unlocking the power switch

### Locking the power switch

1. Press  once and then release.
  - The shaver starts operating.
2. Press  for more than 2 seconds until the switch lock lamp () turns on.
  - The shaver will stop operating.
3. Release .
  - The switch lock lamp () will light up for 5 seconds and turn off.



### Unlocking the power switch

1. Press  for more than 2 seconds until the switch lock lamp () turns off.
2. Once the shaver starts operating, release .
  - The switch lock lamp () will turn off.




### ► Cord shaving

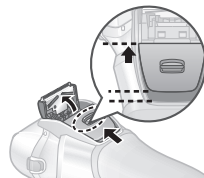
If you insert the appliance plug to the shaver and plug the adaptor into a household outlet, you can use it even if the battery capacity is low.

- The battery will be consumed even when using the shaver with the AC adaptor.

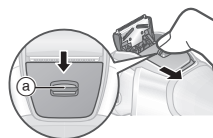
- If the shaver does not work, continue charging it for approx. 1 minute.

### ► Using the trimmer

1. Slide the trimmer handle up.
2. Press  and use.



Press and hold the top knob (a) and slide the trimmer handle down to lower the trimmer.



### Tips for better usage

Apply the trimmer edge perpendicular to skin gently and move downward slowly.

Trimming sideburns



Pre-shave of long beards



## Cleaning the shaver

We recommend cleaning the shaver after each use.

### Cleaning with water

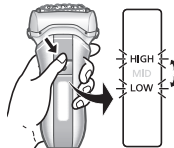
- Turn the shaver off and disconnect the AC adaptor.

#### 1 Apply some hand soap and some water to the system outer foil.



#### 2 Press for more than 2 seconds to activate the sonic vibration cleaning mode.

- Splashing of foam is suppressed.
- The battery capacity lamps blink in order.
- After about 20 seconds, it will be automatically turned off, or you can turn it off by pressing the power switch.



#### 3 Remove the outer foil section and clean with running water.

- See page 33 for attaching and removing the outer foil section.
- Splashing is reduced by rinsing the shaver in sonic vibration cleaning mode.
- After rinsing with water, shake the shaver up and down for a few times to remove excess moisture and then wipe off any drops of water with a dry cloth.



#### 4 Dry the outer foil section, the shaver, and the trimmer completely.

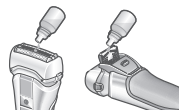
- Allow the shaver to dry in the shade, avoid direct sunlight.



#### 5 Lubricate the shaver.

It will keep the movement of the blade smooth and maintain a comfort shave.

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



**The mark on the left means suitable for cleaning under an open water tap.**

### Warning

**Disconnect the cord from the shaver before cleaning it in water to prevent electric shock.**

### Notes

- Be careful not to hit the main body on the sink or any other object while draining the water. Failure to do so may cause malfunction.



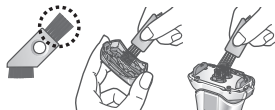
- Do not wipe with thinners, benzene, alcohol etc. Doing so may cause malfunction, or cracking or discoloration of the parts.  
Wipe with diluted soapy water.
- Do not use any kitchen or bathroom detergents other than hand soap.  
Doing so may cause malfunction.

## Cleaning with the brush

Remove the outer foil section and the inner blades.  
(See this page.)

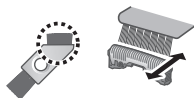
### ► Cleaning with the long brush

Clean the outer foil section, system outer foil, the shaver body and the trimmer using the long brush.



### ► Cleaning with the short brush

- Clean the inner blades using the short brush by moving it in direction as illustrated.
- Do not move the short brush perpendicularly against the blades as it will damage the inner blades and affect their sharpness.



## 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.



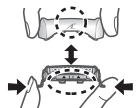
### ► Attaching the outer foil section

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.



- 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.

2. Align the foil frame mark (↙) and the system outer foil mark (△) and securely attach together until it clicks.

### ► Replacing the inner blades

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



### Note

Do not throw away the foil frame.

### ► Replacement parts

Replacement parts are available at your dealer or Service Center.

Replacement parts for ES-CT30	System outer foil	WES9087
	Inner blades	WES9068

## FAQ

Question	Answer
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

Why should the adaptor be disconnected after charge? ►

What is the constituent of the dedicated oil? ►

Why does the appliance beep twice after switched off? ►

## Answer

Charging the battery for more than 1 hour will not affect battery performance, but disconnect the adaptor for safety and to save energy.

Constituent of the oil is liquid paraffin.

The sound indicates that the battery capacity is running low. Please charge the appliance.

## 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.

## Problem

The power switch does not turn ON. ►

## Action

Unlock the switch lock. (See page 31.)

Problem	Action
The shaving sensor does not respond.	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 when the remaining battery capacity is low. If this happens, recharge the shaver.
	Apply oil. (See page 32.)
	▶ The shaving sensor may not respond when there is not enough oil on the blades.

Problem	Action
The shaving sensor responds even though the shaver is not in contact with the skin.	Clean the beard trimmings from the shaver. When the shaver is extremely dirty, remove the foil frame and wash with water. (See page 32.)
	▶ 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
Operating time is short even after charging.	▶ Apply oil.
	▶ This can be improved by cleaning every time after shaving.
	▶ When the number of operations per charge starts to decrease, the battery is nearing the end of its life.

Problem	Action
Shaver does not operate even after charging.	<ul style="list-style-type: none"> <li>▶ Use the appliance in an ambient temperature approximately 5 °C or higher.</li> <li>▶ The battery has reached the end of its life. In this case, the shaver will not operate when the power is turned on with the AC adaptor connected.</li> </ul>
The driving sound changes while shaving.	<ul style="list-style-type: none"> <li>▶ The shaving sensor is operating. The sound changes depending on the beard thickness.</li> </ul>
Makes a loud sound.	<ul style="list-style-type: none"> <li>▶ Apply oil.</li> <li>▶ The blades will not move smoothly when there is no oil on the blades, requiring more power.</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 odor is getting stronger.	<ul style="list-style-type: none"> <li>▶ This can be improved by cleaning every time after shaving.</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>
System outer foil gets hot.	<ul style="list-style-type: none"> <li>▶ Apply oil.</li> <li>▶ Replace the system outer foil if it is damaged or deformed. (See page 33.)</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>

## 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.

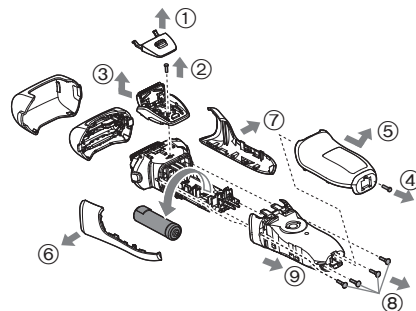
## Removing the built-in rechargeable battery

### 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 ⑨ 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

Product name	AC/Rechargeable Shaver
Product model	ES-CT30
Rated input	100-240 V ~ 50-60 Hz 180 mA
Rated output	4.8 V === 1.25 A
Charging time	Approx. 1 hour
Place of origin	Main body: Japan AC adaptor: China
Date of production	See engraving on the commodity.
Execution standard	GB4706.1 Annex B GB4706.9

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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原产地：日本（本机），中国（电源适配器）