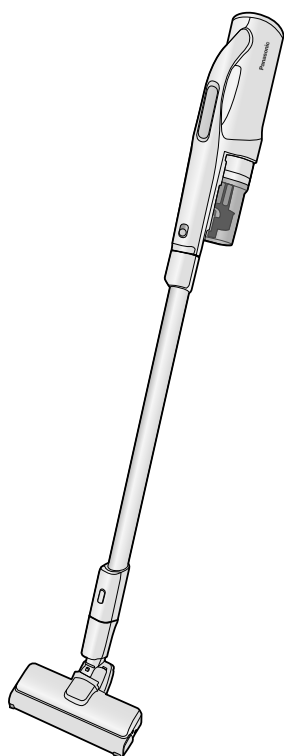


Panasonic®

型號 MC-SB30J
Model No.



使用說明書

充電式吸塵機
(家用型)

Operating Instructions

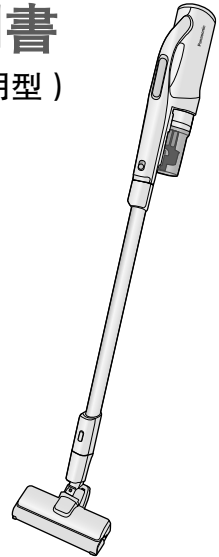
Rechargeable Vacuum Cleaner
(Household use)

中文 HK
ENGLISH . . . EN

Panasonic®

使用說明書 充電式吸塵機（家用型）

型號 MC-SB30J



目錄 頁次

安全注意事項	HK2
使用上的請求	HK4
部件名稱	HK5
• 請確認附屬配件	
充電	HK6

使用前

吸塵	HK8
• 不同的場所，選擇不同的吸嘴	
維護保養	HK10

使用・維護保養

疑難排解	HK14
變更設定	HK16
產品廢棄	HK17
規格	HK18

有疑問時

另附產品保修記錄卡

衷心感謝您購買 Panasonic 產品。

- 本說明書的插圖形狀、顏色可能與實物有所不同，請您以購買的實物為準。
- 充電及使用本產品前，請詳細閱讀本使用說明書，以便正確操作及確保安全。
- 特別是在使用前，請務必仔細閱讀【安全注意事項】（第 HK2 ~ HK3 頁）。
- 閱讀後，請妥善保管本說明書，以便隨時查閱。 **保留備用**

安全注意事項

請務必遵守

以下內容將說明必須遵守的事項，以防止對人體或財物造成損害。

■ 本使用說明書以下列圖示區分與說明因使用方式不當而可能造成之危害與損害程度。



危險

表示如不避免，則將會導致死亡或嚴重傷害的某種緊急危害情況。



警告

表示如不避免，則可能導致死亡或嚴重傷害的某種潛在危害情況。



注意

表示如不避免，則可能導致輕微或中度傷害的某種潛在危害情況。

■ 本使用說明書以下圖示區分與說明希望顧客遵守的內容種類。



表示嚴禁執行的內容。



表示務必執行的內容。



危險

為了防止受傷等…

充電電池



請勿以不當方式使用（以免發熱、起火、破裂等）

- 本產品內置有專用充電電池，請勿用於其他產品
→ 為電池充電時，僅可使用 AVV61V-U9H 專用電源供應器充電
- 請勿使用專用充電電池以外的充電電池
- 請勿投入火中或加熱
- 請勿用釘子扎、衝擊，請勿擅自拆卸、修理、改造等
- 請勿用金屬等接觸連接器而使其短路
- 請勿在火源附近或炎熱天氣下等高溫環境充電、使用、放置



警告

為了防止火災、燙傷、觸電等…

本體・附屬品



請勿吸入火種或可燃物
（以免引發爆炸或火災）

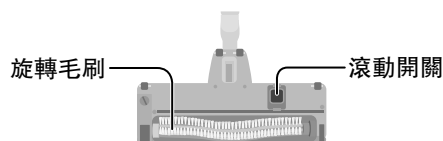
香煙、影印機碳粉、
汽油、稀釋劑等



電源插頭或電源線損壞時，
請勿使用
（以免因發熱、起火造成火災）



請勿碰觸旋轉毛刷或滾動開關
（以免夾住手指導致受傷，或因毛刷鎖定
而溫度升高，導致燙傷）



請勿以不當方式使用

- 請勿水洗
（可水洗的附屬配件、部件除外）
- 請勿以潮濕的手插拔電源插頭
（以免觸電）
- 請勿使用於浴室等潮濕環境
- 請勿損傷電源線或電源插頭；請勿強行加工、彎曲、扭曲、拉伸或置於高溫處、將重物放在上面或捆成一束
（以免引發觸電、短路、火災）
→ 損傷需修理時，請與原購買經銷店洽詢。
- 本產品不能由體弱、感覺能力減弱、智力減弱或缺乏經驗、知識的人（包括兒童）使用（除非在對其安全負責的人的監督或指導下使用）



警告

為了預防火災、燙傷、觸電等…

電池・本體



電池漏液不小心進入眼睛時，請立刻用清水沖洗（切勿用手揉擦）

（以免失明）

→請立刻前往醫院就醫



應照顧好兒童，確保他們不玩耍本產品

（以免引發火災，觸電或受傷等）



請以正確方式使用電源供應器

- 本電源供應器僅適用於室內，並謹防雨淋（以免觸電、起火等）
- 本電源供應器僅限於對本產品進行充電（以免觸電、起火、發熱、電池漏液等）
- 插頭務必插入到底
（若插入鬆動的插座內，或未完全插入時，將引發觸電事故，或因發熱而引發火災）
- 必須在插座、配線器具等額定值範圍內使用，請務必使用交流電 220 V
（以免與其它機器共用插座而超過額定值，因發熱而導致火災）
- 維護保養時請務必拔掉插頭（以免觸電）
- 長期不使用時，請拔掉電源插頭
（以免因絕緣劣化而導致觸電、漏電、火災等）
- 請用乾布定期清除電源插頭、各端子（第 HK5 頁）等上的灰塵
（以免插頭、端子累積過多灰塵後，因濕氣等因素造成絕緣不良，進而引發火災）



發生異常、故障時，請立刻停止使用，關閉電源開關，

拔掉電源供應器電源插頭

（以免引發冒煙、起火或觸電）

異常及故障例子

- 即使打開電源，也不會運轉
- 本體發生變形，異常發熱
- 運轉中，發出異常聲音
- 發出燒焦的氣味

→請速與原購買經銷店洽詢。

使用前



注意

為了防止起火、受傷等…

電池・本體・附屬品



請勿以不當方式使用

- 地板吸嘴不可向左右方過度拉扯（以免刮傷地板表面）
- 地板吸嘴底側各部品磨損時，請勿使用（以免刮傷地板表面）
→使用前請進行檢查，若有磨損請與原購買經銷店洽詢。
- 各端子（第 HK5 頁）等的接點處請勿放入金屬類（以免觸電）
- 拔掉電源插頭時，請勿拉扯電源線（以免觸電、短路而引發起火）



請勿接近火源、熱源，並避免陽光直射

（以免引發火災或變形）



電池漏液不小心沾到身體或衣服時，請立即用清水沖洗

（以免皮膚發炎或受傷）

● 請立刻前往醫院就醫



本產品（電池）請收納、保管於乾淨、乾燥的地方

（以免電池受潮而導致發熱、起火或觸電）

HK3

使用上的請求

為了延長使用壽命

本產品為家用型吸塵機，請勿用於工業用途或吸塵以外的用途

- 請勿吸入以下物體（以免造成故障或產生異味）
 - 大量的粉狀物（建築垃圾、滅火器的粉末等）
 - 沾有寵物等排泄物的物品
 - 玻璃、別針、縫衣針、牙籤
 - 水或其它液體
 - 地毯的流蘇（穗子）
 - 容易堵塞吸入口的物體（長筒襪等）
 - 除濕劑
 - 潮濕物品
 - 較長的繩索
- 有大量沙子、寵物砂、小石等物的場所請勿使用（以免造成故障）
- 請勿直接用本體或延長管的前端口吸塵（以免磨損前端口）
→請使用地板吸嘴
- 請勿堵塞排氣口（以免過熱而導致變形）
- 吸入口被堵時，請勿長時間運轉（以免過熱而導致變形）
- 請勿隨意撥弄充電端子（以免接觸不良）
- 請勿在極熱或極冷的環境下使用（以免機身內充電電池無法正常工作）
→建議在 0℃～40℃的環境下使用（充電請在 5℃～35℃內）

為了防止摩打過熱（保護功能）

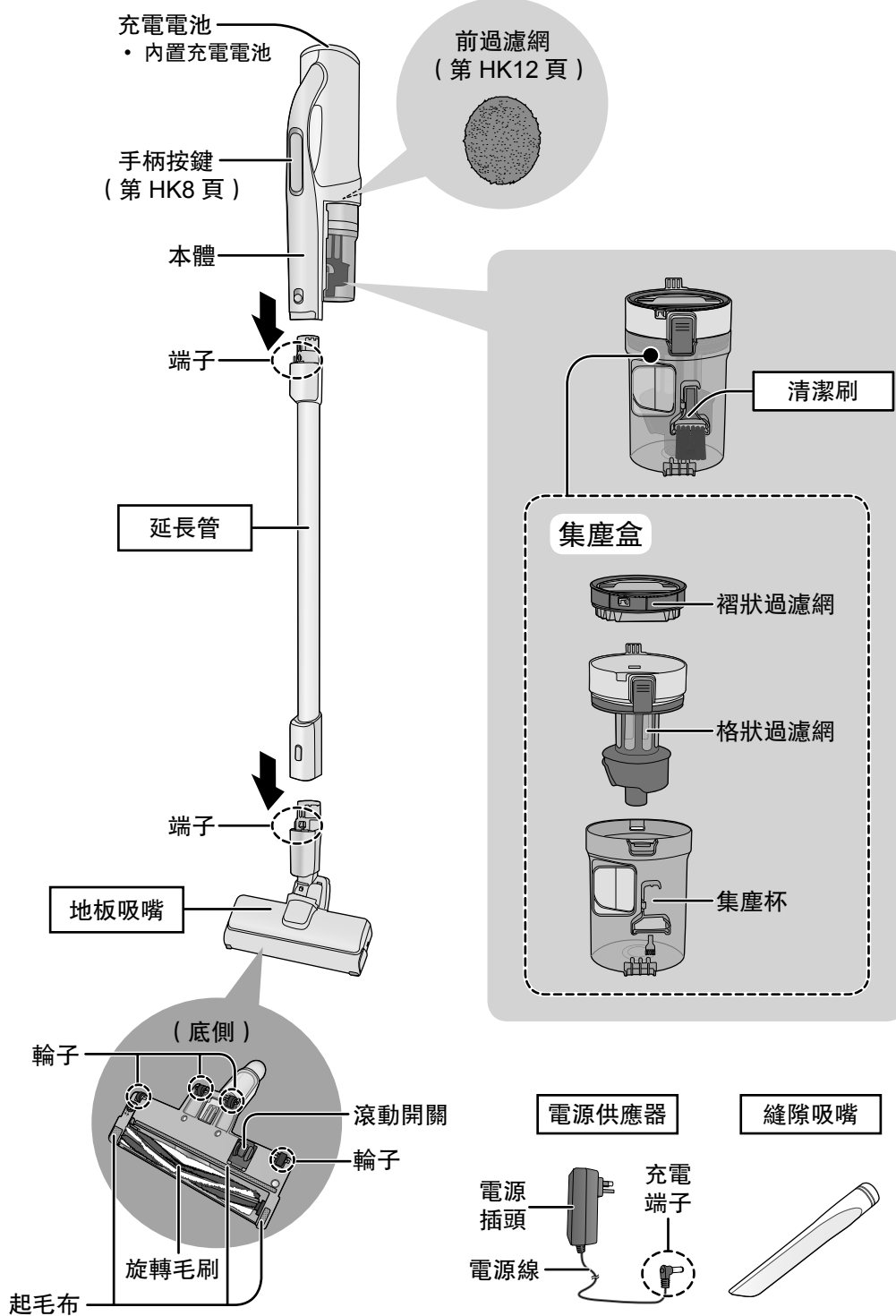
下列狀態下仍持續運轉時，保護功能將會啟動，本體或吸嘴將會自動停止運轉，防止摩打過熱、損壞。
（第 HK14 頁）

- 集塵盒內積滿垃圾時
- 吸嘴、吸入口被堵塞時
- 旋轉毛刷旋轉時置於同一地方
- 旋轉毛刷纏繞異物

部件名稱

請確認附屬配件

 表示附屬配件



使用前

HK5

充電

您購買本產品時，電池並未充滿，因此使用前請務必先充電（充滿電約需 3.5 小時）



為了延長電池使用壽命

- 超過 1 個月不使用時，請充滿電，拔掉電源供應器插頭後保存，且半年至少充電 1 次。
- 為避免影響電池壽命，使用時因電量耗盡而自動停止時，請勿嘗試再次啟動，也請勿放置不管，以免電池過度放電。
→ 每次使用後請務必充電
- 請在 5 °C ~ 35 °C 的室溫下充電。（為能正確充電，避免使用時間變短或充電時間變長，請勿在溫度過低處或陽光直射等高溫處充電）

備註

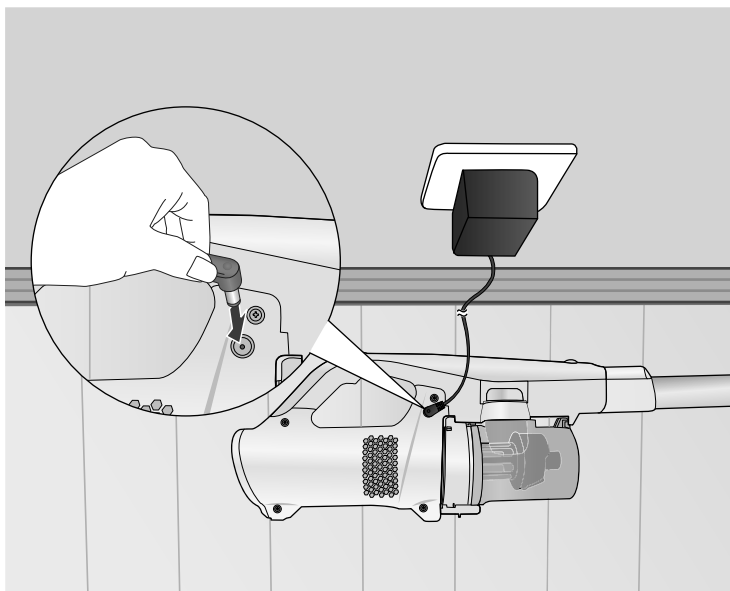
- 產品運轉狀態下若插入電源供應器進行充電時，會自動停止運轉，轉換成充電模式。
- 充電時本體、電源供應器的溫度會升高，此為正常現象，並非異常。
- 充電時間、使用時間會因電池溫度、使用狀態等而發生變化。
- 充電途中雖可取下產品使用，但使用時間會比充滿電時要短一些。

請求

- 購買後初次使用或時隔半年以上再用時，電池可能因過放電而導致電池電量減少。
→ 使用前請務必充電
- 電源供應器插入電源後，即使不充電也會消耗 0.5 W 的電力。
→ 長期不使用時，為了省電請拔掉電源插頭
- 為避免充電對電視機、電話等產生干擾（如產生雜音等），充電時請距離電視機、電話等 1 m 以上。

選擇房間角落等不易碰撞到的地方，平穩地橫放於地面上進行充電。

- 充電時電量指示燈開始明暗變化，充滿後自動熄滅。



- 如圖電源供應器端子插入本體充電接點到底
- 拔端子時，請勿拉扯電源線（以免斷線）
→請拿著端子 L 形處拔出

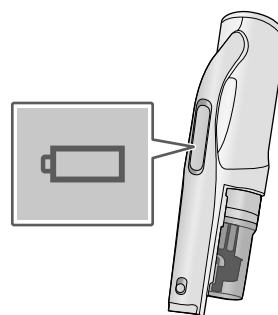
■ 電池剩餘電量的確認方法



閃爍（藍色）

充電中

根據周圍溫度、使用時間等使用條件不同，電池的溫度會發生變化。電池溫度很高時將自動待機至溫度適宜充電後再重新充電，因此充電時間將會變長。（最長約 6 小時）



熄滅

充電結束

充電結束，熄滅。

- 快速閃爍（間隔約 0.3 秒）時表示發生異常。詳細請參考“疑難排解”（第 HK14 頁）

使用・維護保養

HK7

吸塵

1 開始



■ 變換吸力大小時

AUTO (自動): 根據垃圾量
自動調節吸力

每按一次
相互轉換

HIGH (高): 以最強的吸力
運轉

2 結束



請求

- 使用時輕輕移動地板吸嘴，切勿用力下壓。
(以免地面受損)
- 為了防止劃傷，請勿用於清掃鋼琴等具有光澤的地方。

■ 電量指示燈

- 低電量時閃爍提示
(這種狀態下關閉電源時仍會閃爍幾下，提醒及時充電)
- 完全沒電時，自動關閉電源後或再啟動時也會閃爍幾下，提醒及時充電
- 充電時呼吸燈提示
- 異常時，快速閃爍

■ 微塵感應燈

直觀顯示肉眼不易看到的垃圾
(角質、皮屑、蟎蟲等)

熄滅 亮燈 閃爍 快速閃爍

乾淨 垃圾很多

- 若要更改感應燈的敏銳度，
請參照“變更設定”(第 HK16 頁)。

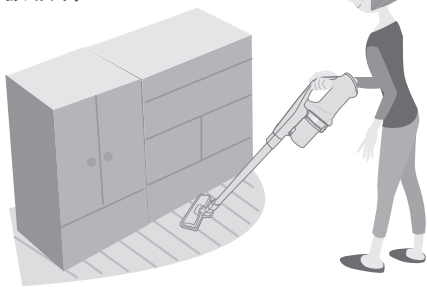
■ 空轉 OFF 功能

地板吸嘴離開地面 5 秒以上，則自動停止運行，再次接觸地面則恢復運行。

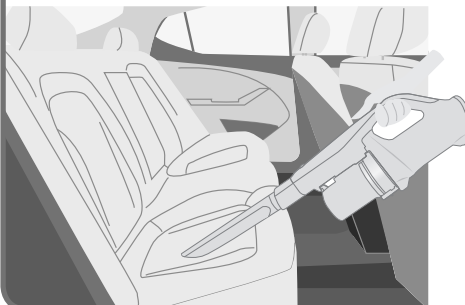
- 空轉 OFF 功能狀態時，微塵感應燈(紅色)緩慢閃爍(約 3 秒間隔)。
- 空轉 OFF 功能狀態持續約 10 分鐘後，本產品自動關閉。
- 若要更改空轉 OFF 功能的設定時，
請參照“變更設定”(第 HK16 頁)。

不同的場所，選擇不同的吸嘴

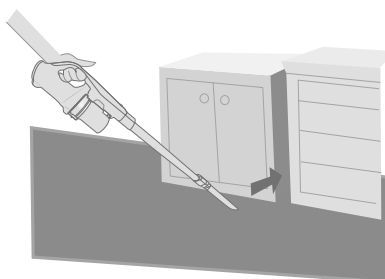
地板、地毯等
地板吸嘴



汽車內、桌子、櫥架、沙發等
縫隙吸嘴



家具間的縫隙等
縫隙吸嘴



窗臺、趟門等的溝槽
縫隙吸嘴



請求

- 使用時輕輕移動地面吸嘴，切勿用力下壓。
（以免地面受損）
- 更換吸嘴時，請先關閉吸塵機。
- 為了防止劃傷，請勿用於清掃鋼琴等具有光澤的地方。

使用・維護保養

維護保養

■ 清理垃圾或維護保養時，請關閉本產品。



集塵盒積滿或
吸力減弱時，請及時
清理垃圾，並進行
維護保養。

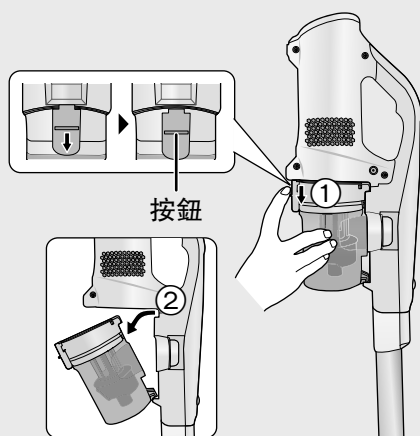
告知

- 微塵感應燈與電量指示燈同時閃爍（此時吸力減弱）時，請及時清理垃圾，並進行維護保養。
- 為了防止吸力下降，沙子等容易堵塞的垃圾，即使數量很少也請儘早清除，並對集塵盒進行維護保養。
- 對新地毯等吸塵時，由於吸入地毯脫落的絨毛，集塵盒會更快積滿。

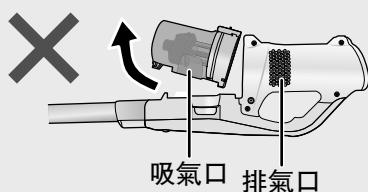
集塵盒

1 取下集塵盒

如圖按下集塵盒脫卸按鈕，取下集塵盒



- 打開集塵盒時請勿如圖放置，以免吸氣口朝下垃圾洩漏。

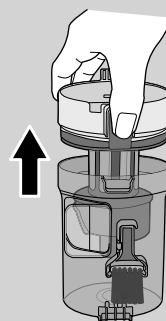


2 清理垃圾

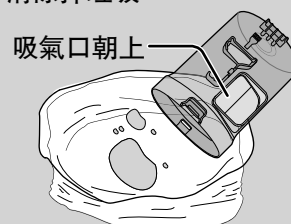
1 拿著捏手，取出褶狀過濾網



2 按住按鈕，取出格狀過濾網



3 清除掉垃圾



及時：吸力減弱時

定期：每月 1 次左右

建議

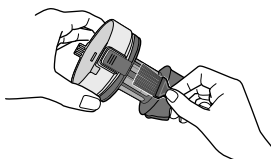
- 建議每次吸塵之後就馬上清除垃圾，並進行**深層的維護保養**。如此既可防止垃圾產生異味，又可防止集塵盒內各部附著細微易堵的垃圾（如塵土、棉被中的棉塵等）而導致吸力減弱。

請求

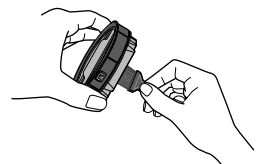
- 請勿使用洗滌劑、漂白劑、稀釋劑、酒精等物。（以免造成裂痕、變色）
- 水洗後請置於通風良好的地方大約 24 小時，使其完全乾燥。（以免產生異味或造成堵塞）
- 請勿使用吹風機等熱風進行乾燥。（以免造成故障）

深層的維護保養

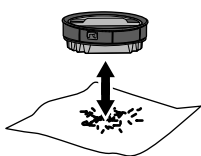
格狀過濾網



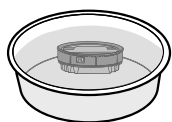
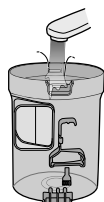
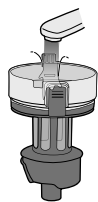
褶狀過濾網



輕輕拍打，
拍落垃圾



長時間使用後感覺較髒時可進行水洗



浸泡在水中
(約 30 分鐘)

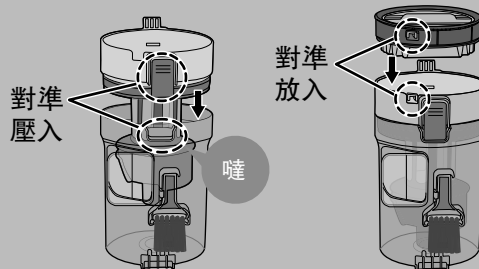


- 水洗後請充分晾乾，再裝回原樣

3

裝回原樣

1 裝回格狀過濾網、褶狀過濾網



2 裝回本體



- 集塵盒若未安裝到位，將無法吸入垃圾。

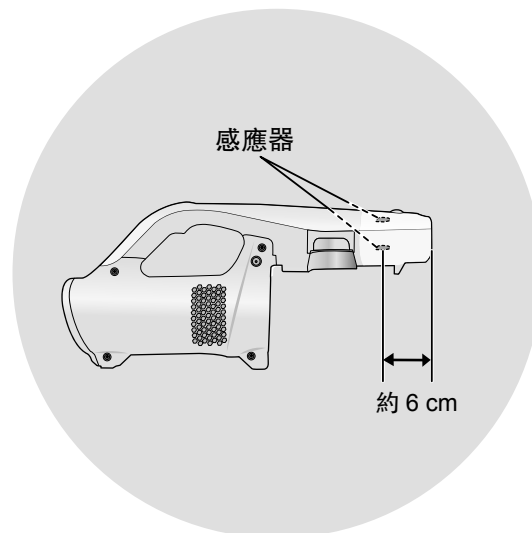
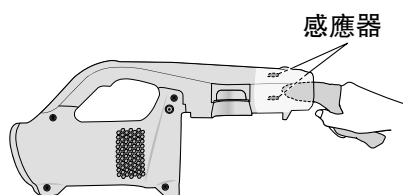
使用・維護保養

維護保養

感應器

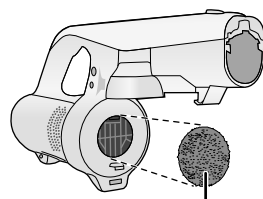
■ 微塵感應燈異常（第 HK15 頁）時，可能是本體內部的感應器（2 處）附著垃圾、灰塵，請進行維護保養。

- 請用柔軟乾燥的布從前端伸入擦拭，清除附著的垃圾、灰塵等



前過濾網

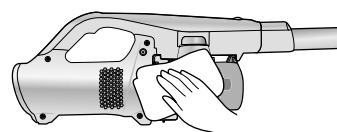
- 輕輕拍打使垃圾、灰塵等掉落，或輕輕水洗，再充分乾燥。



- 清潔乾淨後請勿漏裝前過濾網

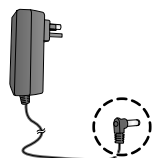
本體、延長管等

- 使用擰乾的柔軟濕布擦拭污漬、灰塵等。

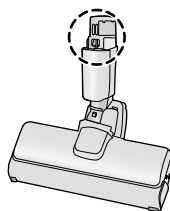


端子部

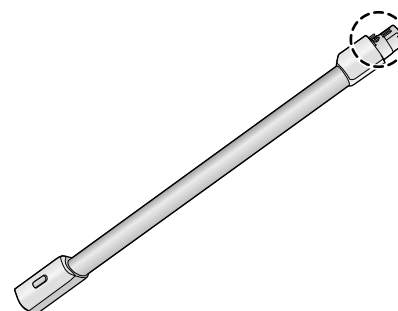
- 使用乾布擦拭端子部上的垃圾



電源供應器端子



地板吸嘴端子



延長管端子

定期：毎月1次左右

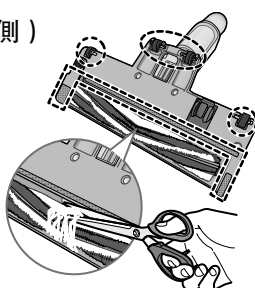
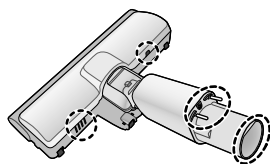


- 維護保養吸嘴時，請務必先關閉本產品，並取下吸嘴。
(以免受傷)

- 水洗後…
 - 甩乾水分，並使其充分晾乾（以免產生異味或造成堵塞）
 - 請勿使用吹風機等熱風進行乾燥（以免變形造成故障）
- 請勿使用洗滌劑、漂白劑、稀釋劑、酒精等物（以免造成裂痕、變色等）

■ 清除○部的垃圾

(底側)



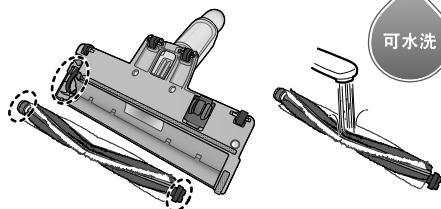
- 沿著溝槽，用剪刀剪斷纏繞的垃圾

● 用水清洗旋轉毛刷時

-
- 1 如圖滑動，
使“▲”至“🔒”
- 2 拿起並取下
毛刷蓋
- 3 抬起旋轉毛刷
- 4 脫開皮帶
- 5 拉出

⑥ 清除 部的垃圾，
用水清洗旋轉毛刷

- 水洗後，請充分乾燥



僅限旋轉毛刷

■ 装回原様

-
- 1 裝上皮帶
- 2 裝入
- 3 下壓毛刷
- 4 將毛刷蓋中的孔卡入卡爪中
- 5 使“▲”至“🔒”

使用・維護保養

疑難排解

在委託修理之前，請先確認以下項目。

發生這種情況時		檢查之處和處理方法
充電	電量指示燈不會出現呼吸燈	● 電源供應器兩端是否都插好了？
	電量指示燈不熄滅	● 如果充電 12 小時以上還不熄滅，可能是本產品發生故障或電池壽命到了。 →請與原購買經銷店洽詢。
	電量指示燈快速閃爍	● 拔掉插頭等待 10 分鐘後再重新插入電源。若仍快速閃爍 →請與原購買經銷店洽詢。
	充電後，運轉時間還是很短	● 充電場所的溫度是否過高或過低？ →請在 5℃ ~ 35℃ 的室溫下充電 ● 夏天等高溫環境下產品剛用完就立刻充電，可能會因電池溫度過高而暫停充電，自行待機冷卻。 →電池冷卻後會自動充電，請充電至電量指示燈熄滅 ● 電池是否壽命終結？ →請更換電池（請與原購買經銷店洽詢。）
運轉・吸力	不運轉	● 電池是否沒電了？ →請充電
	未進行任何操作，但吸力變弱或運轉停止	● 是否是空轉 OFF 狀態？（第 HK8 頁） ● 防止摩打或電池過熱的保護功能是否已啟動？ →① 關閉產品，停止運轉 ② 等待 5 分鐘 ~ 30 分鐘（摩打或電池冷卻，解除保護功能） ③ 請檢查保護功能啟動的原因（第 HK4 頁） ● 集塵盒內是否積滿垃圾？ →請清除掉垃圾，並進行維護保養（第 HK10 ~ HK11 頁） ● 吸入口、吸嘴等是否被堵塞？ →請清除掉堵塞物 ● 地板吸嘴旋轉毛刷是否纏繞異物？ →請清除異物（第 HK13 頁）
	地板吸嘴旋轉毛刷不旋轉	● 為了安全起見，地板吸嘴從地板浮起時，旋轉毛刷將停止運轉。 ● 旋轉毛刷是否纏繞垃圾、繩子等物，是否被堵塞？（第 HK13 頁） ● 打掃毛很長的物體、或不同種類的地毯，或用力按壓吸嘴，可能會發生旋轉變慢或不旋轉的情況。 ● 吸嘴提起後，若快速撞擊落到地面上，則旋轉毛刷可能不會旋轉。 →慢慢放下吸嘴，請勿快速撞擊 ● 若運轉中取下又重裝地板吸嘴，毛刷將不會旋轉。 →請停止運轉後再裝吸嘴
	即使在 HIGH (高) 模式，吸力也很弱	● 請關閉產品，再重新運轉一次。 ● 延長管、吸嘴等是否堵塞？ ● 集塵盒是否堵塞？ →請清除掉垃圾，並進行維護保養（第 HK10 ~ HK11 頁） ● 集塵盒是否正確安裝？（第 HK10 ~ HK11 頁） ● 保護功能是否已啟動（第 HK4 頁）？
	運轉中吸力變弱	● 空轉 OFF 功能關閉時，AUTO (自動) 或 HIGH (高) 功能下運轉，當地板吸嘴持續保持離開地面狀態時，吸力下降，減少消耗功率。 （第 HK16 頁）

發生這種情況時		檢查之處和處理方法
運轉・吸力	空轉 OFF 功能無效	● 是否關閉空轉 OFF 功能？（第 HK8、HK16 頁） ● 感應器是否有垃圾或灰塵附著？ →請維護保養（第 HK12 頁）
異味	排氣中發出垃圾的異味	● 吸入氣味很重的垃圾後是否一直未清理？ →反覆運轉仍對氣味在意時，請清除垃圾，並進行維護保養（第 HK10 ~ HK11 頁）
聲音	裝上集塵盒後，運轉聲音變大	● 集塵盒是否正確安裝？（第 HK10 ~ HK11 頁）
	吸塵中，運轉聲音發生變動	● AUTO（自動）模式下，本產品會根據垃圾量自動調節吸力而導致運轉聲變動，並非異常。 ● 延長管、吸嘴、集塵盒、前過濾網是否堵塞？ →請維護保養（第 HK10 ~ HK13 頁）
	啓動時，本體可能發出“滴滴”聲（此時無法運轉）	● 請再重新運轉一次。
微塵感應燈	緩慢閃爍（約每 3 秒閃爍 1 次）	● 是否是空轉 OFF 狀態？ 空轉 OFF 狀態下，微塵感應燈緩慢閃爍。（第 HK8 頁）
	明明沒有垃圾，卻亮燈（不熄滅）	● 感應器是否附著垃圾？ →請用柔軟乾燥的布擦掉感應器上附著的垃圾、灰塵等（第 HK12 頁）
	明明有垃圾，卻不會亮燈	
	一直不熄滅	● 下列情況時，微塵感應燈可能會一直亮著，不會熄滅，並非異常。 ・對新的地毯等吸塵時（因存在較多脫落的絨毛） ・對被褥、毛毯等床上用品等吸塵時（可能存在較多角質、皮屑、蟎蟲等） →持續吸塵後，地毯脫落的絨毛、角質、皮屑、蟎蟲等垃圾會慢慢減少，燈會慢慢熄滅 - 也可將感應器的敏銳度設定為【簡便】（第 HK16 頁）
其他	微塵感應燈、電量指示燈同時動作	● 同時亮燈時，是溫度異常。 →等待 5 分鐘 ~ 30 分鐘 ● 同時閃爍時，可能是集塵盒、吸嘴、延長管等被堵塞。 →請清除堵塞物（第 HK10 ~ HK13 頁）
確認之後，異常仍存在時		● 切勿自行修理，請帶上產品（本體、延長管、地板吸嘴、電源供應器等）及產品保修記錄卡，一併送至原購買經銷店。 ※ 請與原購買經銷店洽詢。

有疑問時

變更設定

■ 變更微塵感應的敏銳度設定時

- 1 按住 **OFF** 後再按住 **AUTO HIGH**，
然後放開 **OFF**，持續按 **AUTO HIGH** 5 秒以上

(下記表示當前的設定狀態)

微塵感應燈狀態	感應器敏銳度
 常亮	普通 平時清掃時使用 (購買時預設)
 快速閃爍 (1 秒內 2~3 次)	細緻 細緻打掃時使用 • 提升敏銳度，能靈敏地感應到微小的垃圾，微塵感應燈閃爍
 閃爍 (每 2 秒 1 次)	簡便 對微塵感應燈的點亮感到厭煩時 • 降低感應度，抑制閃爍

- 2 按 **AUTO HIGH**，根據喜好選擇敏銳度



- 3 按 **OFF** (設定結束)， (熄滅)
• 在下次變更設定前，當前設定可記憶。

■ 變更空轉 OFF 功能的設定時

關閉空轉 OFF 功能

- 1 **AUTO** (自動) 功能運轉時，地板吸嘴離開地面
• 約 5 秒後，停止運行，微塵感應燈 (紅色) 緩慢閃爍。
- 2 按 **AUTO HIGH** (2 秒以上)
(微塵感應燈 (紅色) 熄滅，本產品再次開始運行，則設定結束)
• 本產品運行時，即使關閉了空轉 OFF 功能，當地板吸嘴保持離開地面的狀態時，吸力變弱，抑制消耗功率。
• 在下次變更設定前，當前設定可記憶。

打開空轉 OFF 功能

- 1 **AUTO** (自動) 功能運轉時，地板吸嘴離開地面
- 2 按 **AUTO HIGH** (2 秒以上)
(本產品停止運行，微塵感應燈 (紅色) 緩慢閃爍，則設定完成)
• 在下次變更設定前，當前設定可記憶。

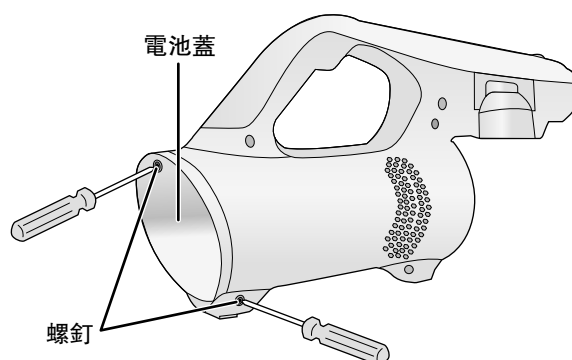
產品廢棄

- 本產品中的充電電池為易耗品。當即使正確充電後，使用時間仍明顯變短，電池壽命可能到了。如需購買、更換電池，請洽詢經銷店。
- 本產品廢棄時請取出電池，並交給官方指定回收站，切勿與一般生活垃圾堆放一起，以免污染環境。

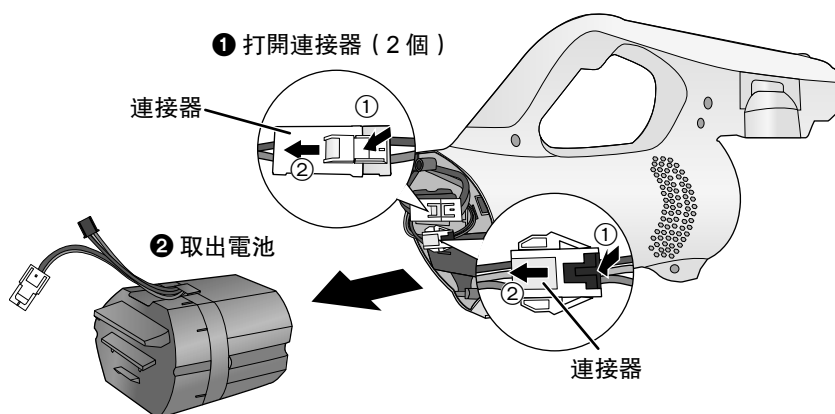
請求

- 下圖僅限於廢棄本產品時參考，並非用於修理。若擅自拆卸修理可能導致充電電池短路故障等。
- 請關閉電源開關，再取電池。(充電電池若還殘存電量時，請先運轉吸塵機直至停止)

- 1 如圖所示旋開 2 個螺釘，打開電池蓋



- 2 如圖打開 2 個連接器，取出電池



有疑問時

HK17

規格

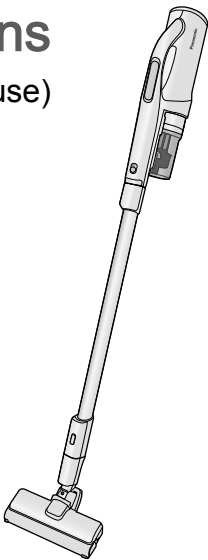
規 格		
型號		MC-SB30J
集塵容量		0.3 L
聲功率級噪音		HIGH (高): 80 dB (A)
尺寸 (長 × 闊 × 高)		387 mm × 93 mm × 182 mm (本體)
重量		1.1 kg (本體) 1.6 kg (含延長管、地板吸嘴)
額定輸入功率		275 W
連續使用時間 (20 °C / 充滿電、 電池初期)	AUTO (自動)	10 分 ~ 20 分
	HIGH (高)	6 分
充 電 電 池	充電電池	充電式鋰離子電池組 (共 5 節)
	電池參數	18 V $\equiv$ 1650 mAh
	充電時間	約 3.5 小時
電 源 供 應 器	型號	AVV61V-U9H
	輸入	220 V $\sim$ 50 Hz 0.27 A
	輸出	20 V $\equiv$ 0.7 A
附屬品		延長管 (1 條) 地板吸嘴 (1 個) 電源供應器 (1 個) 縫隙吸嘴 (1 個) 清潔刷 (1 個)

※ 本吸塵機的電源供應器屬於 II 類器具 



Operating Instructions
Rechargeable Vacuum Cleaner (Household use)

Model No. MC-SB30J



Attached with a product warranty registration card

- Thank you for purchasing Panasonic product.
- All illustrations used are for explanation purposes, actual item may vary slightly from those shown.
 - Please read the operating instructions carefully before charging and using the appliance to ensure safe and correct operation.
 - Before use, please make sure to read **“Safety Precautions”** (Pages EN2 ~ EN3).
 - Keep the operating instructions for future use. **Reserve it for later use**

Contents Page

Safety Precautions EN2

Notes on Use..... EN4

Parts Names..... EN5

• Accessories List

Charging EN6

Cleaning EN8

• Choose a nozzle based on different usage.

Maintenance EN10

Troubleshooting EN14

Change Settings EN16

Disposal of the product... EN17

Specifications EN18

Before use

Usage•Maintenance

Troubleshooting

Safety Precautions

Please make sure to follow these instructions

In order to prevent accidents or injuries to the user, other people, and damage to property, please follow the instructions below.

■ The following charts indicate the degree of damage caused by wrong operation.



DANGER

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

■ The symbols are classified and explained as follows.



This symbol indicates prohibition.



This symbol indicates requirement that must be followed.



DANGER

To avoid prevent injuries, etc.

Rechargeable battery



Do not mishandle (This can cause overheating, ignition or rupturing)

- The main unit has a built-in rechargeable battery, which cannot be used in other electrical appliances
→For the purposes of recharging the battery, only use the detachable supply battery charger of AVV61V-U9H
- Do not use rechargeable battery other than the dedicated built-in rechargeable battery.
- Do not dispose of the battery in a fire or expose it to heat
- Do not pierce with nails, apply impacts, disassemble, repair or modify
- Do not short-circuit by allowing metals or other materials to come into contact with the socket terminals
- Do not charge, use or place in places with high temperatures, including near fire or in hot weather



WARNING

To avoid fire, burns, electric shock and etc.

Main unit • Accessories



Do not allow the unit to suck burning or flammable objects

(So as to avoid an explosion or fire)

Cigarettes, toner from a copier, heating fuels, thinners, etc.



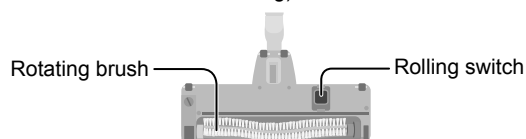
Do not use if the plug or mains lead are damaged

(This can cause fire due to overheating and ignition)



Please do not touch the rotating brush or rolling switch

(To avoid injury caused by the pinch of fingers, or burns caused by increased temperature due to the brush locking)



Do not mishandle

- Do not wash with water
(Except for those parts and accessories that can be washed with water)
- Do not plug or unplug the power plug with wet hands
(Danger of electric shock)
- Do not use around wet places, such as in toilets and bathrooms
- Do not damage the mains lead or the plug. Do not forcefully machine, bend, twist, stretch or place the cleaner at high temperatures or place heavy objects on its top or bundle it
(This can cause an electric shock, short circuit or fire)
→Consult the place of purchase for information about repairs.
- 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



WARNING

To avoid fire, burns, electric shock and etc.

Battery • Main unit



If battery liquid gets into your eyes, immediately wash with clean water (Do not rub your eyes)

(Danger of blindness)

→ Seek for professional medical treatment immediately.



Children should be supervised to ensure that they do not play with the appliance

(It may cause fire, electric shock or injury)



Use the battery charger properly

- The battery charger are only suitable for in door use or to guard against rain
(Not doing so can cause electric shock, ignition)
- The battery charger are limited to charge this product only
(Not doing so can cause electric shock, ignition, overheating or leakage)
- Insert fully into the socket
(There is a danger of electric shock or fire due to overheating if you do not plug into the socket outlet)
- Must be within the rated values of the socket and the wiring appliances, etc., and must use AC 220 V
(Overheating may lead to fire if the system exceeds recommended ratings by plugging too many devices into the same socket.)
- The plug must be removed from the socket outlet before maintaining the appliance
(Danger of electric shock)
- The plug must be removed from the socket outlet when the unit is not to be used for a long period of time
(To avoid electric shock, electric leakage, fire, etc. caused by insulation damage)
- Use dry cloth to regularly remove dust from power plugs, plugs, etc. (P. EN5)
(Dust gathered can lead to incomplete insulation caused by moisture, which can lead to fire)



When an error occurs, stop using it immediately. Turn off the main power switch, and unplug the battery charger from the socket outlet

(Danger of smoke, ignition, and electric shock)

e.g. abnormality or breaking down

- Even if you turn on the power source, there is no operation
- The main unit deforms or becomes very hot
- There are strange noises when the unit is operating
- There is a burning smell

→ Immediately request maintenance and repair at the place of purchase

Before use



CAUTION

To avoid ignition, injury and etc.

Battery • Main unit • Accessories



Do not mishandle

- The floor nozzle cannot be excessively pulled horizontally
(This can cause scratching to the floor surface)
- Do not use it when the parts on the bottom side of the floor nozzle wear out
(This can cause scratching to the floor surface)
→ Check the unit before use, and if there is wearing, consult the place of purchase
- Do not put metal in the contacts of each plug (P. EN5)
(Danger of electric shock)
- Do not pull the mains lead when unplugging from the socket outlet
(It may cause an electric shock or fire caused by short circuit)



Do not approach the fire source or the heat source, and avoid direct sunlight

(This can cause fire or deformation)



If the battery leaks and liquid gets onto your skin or clothes, wash carefully with clean water

(This can cause skin inflammation and injury)

- Seek for professional medical treatment immediately.



Please store the vacuum cleaner (battery) in a clean, dry place

(So as to avoid the battery from moisture which leads to overheating, ignition or electric shock)

Notes on Use

To extend the service life

The vacuum cleaner is a household vacuum cleaner and should not be used for commercial or industrial purposes and for other purposes other than vacuum cleaning.

- Do not allow the unit to suck the following objects (This can cause malfunctions and odours)
 - Large volumes of powder (Construction waste or fire extinguisher powder)
 - Pet litter or anything with pet waste attached
 - Glass, pins, needles, toothpicks
 - Dehumidification powders
 - Water and other liquids • Damp or wet items
 - Carpet fringes • Long pieces of string
 - Objects that easily block the suction inlet (Stockings, etc.)
- Do not try to clean in places with large volumes of sand, pet litter or gravel (This can cause malfunction)
- Do not directly vacuum with the front port of the body or extension wand (So as not to wear the front port)
→ Please use floor nozzle
- Do not block the exhaust vent (This can cause deformation due to overheating)
- Do not operate for a long time if the suction inlet is blocked (To avoid deformation due to overheating)
- Do not arbitrarily fiddle with the charge plug (To avoid bad contact)
- Do not use the vacuum cleaner in extremely hot or cold environments (as the rechargeable battery in it cannot work properly)
→ It is recommended to use the vacuum cleaner in the environment of 0 °C ~ 40 °C (please charge it in 5 °C ~ 35 °C)

To prevent overheating of the motor (Protection function)

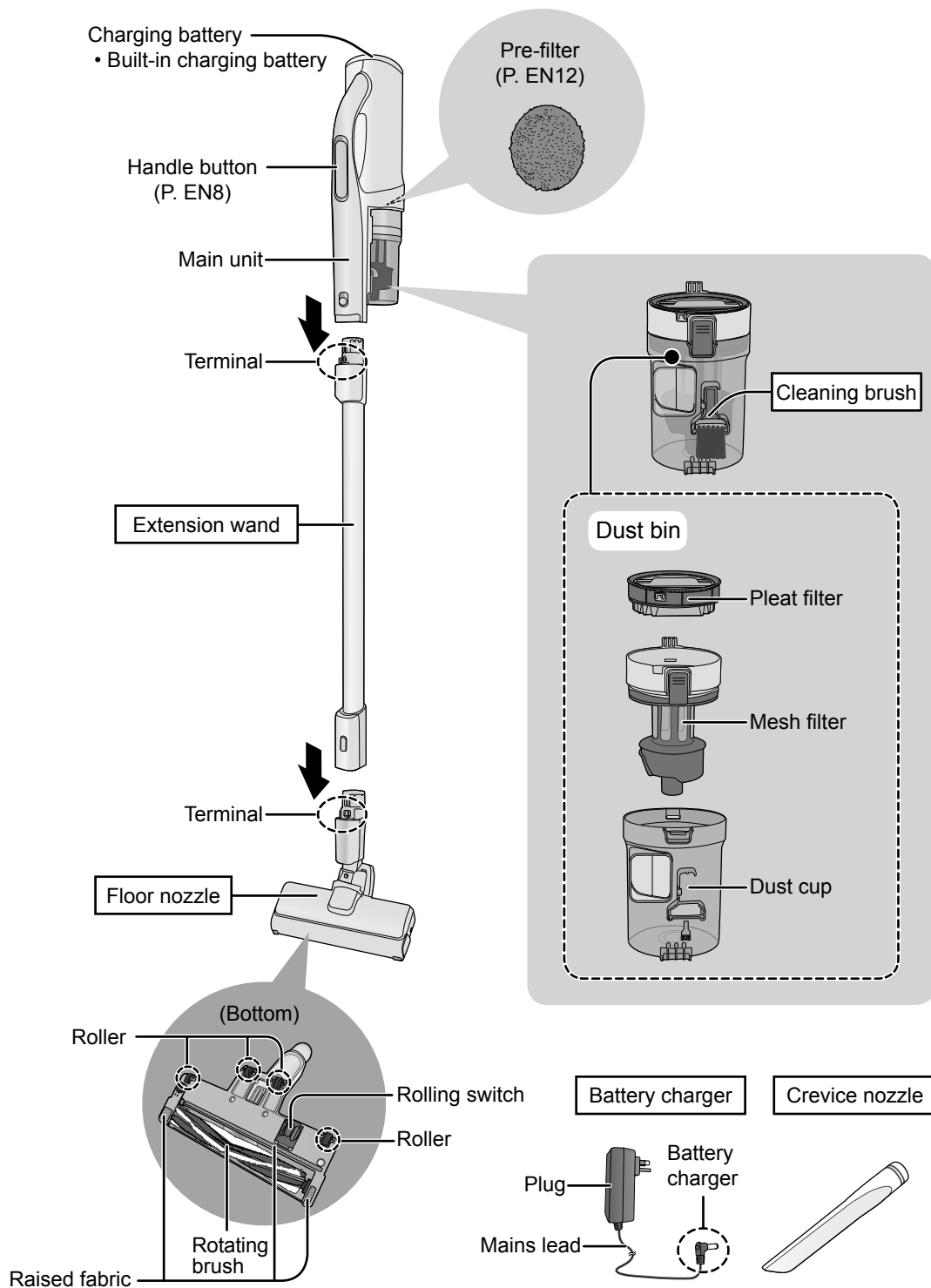
If the vacuum cleaner continues running under the following conditions, the protection function will be activated, the body or suction nozzle will automatically stop running to prevent the motor from overheating and damage. (P. EN14)

- When the dust bin is full of rubbish
- When the nozzle and suction inlet are clogged
- When the rotating brush is placed in the same place as it rotates
- When foreign objects are wound around the rotating brush

Parts Names

Accessories List

Parts enclosed in are included accessories.



Before use

EN5

Charging



The battery is not fully charged at the time of purchase, so please be sure to charge before use
(Full charge takes about 3.5 hours)

To help make the battery last longer

- If the vacuum cleaner is not used for more than 1 month, charge it fully. Unplug the battery charger and store the cleaner. Charge it at least once in six months.
- To avoid affecting the battery life, when the vacuum cleaner stops automatically due to the exhausted battery during use, do not attempt to restart it or leave it alone to avoid over discharge.
→Make sure to charge it after use
- Recharge in a room where the temperature is between 5 °C and 35 °C. (In order to charge correctly, avoid the use time to become shorter or charge time to become longer. The unit cannot charge properly if the room is too cold, or too hot such as when the room receives direct sunlight.)

Note

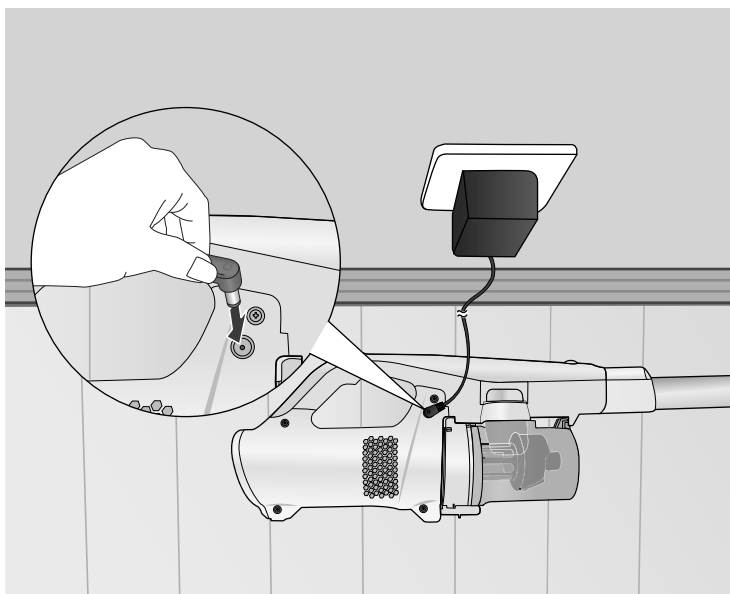
- When it is plugged in for charging during operation, the vacuum cleaner will automatically stop running and change to charging mode.
- The temperature of the body and the battery charger will increase during charging, which is a normal phenomenon.
- The charging time and service time will vary depending on the temperature and status of the battery.
- Although the vacuum cleaner can be used when it is not fully charged, the service time will be shorter than when it is fully charged.

Request

- When used for the first time after purchase or left idling for more than 6 months, the battery may be reduced in capacity due to over-discharge.
→Make sure to recharge it before using it again
- After the battery charger is plugged in, 0.5 W is consumed even if the vacuum cleaner is not charged.
→When the vacuum cleaner is not in use for a long time, unplug the plug to save power
- In order to avoid interference with TV sets, telephones, etc. (such as noise), please keep more than 1 m away from these appliances when charging.

Choose a hard-to-reach place, such as a corner of a room, and lay it horizontally and steadily on the ground for charging.

- The battery level lamp will lights up as breathing lamp during charging, and will go out automatically when the battery is fully charged.



- Plug into the port of the body completely as shown.
 - Do not pull the mains lead when pulling the plug
(To avoid breaking the mains lead)
→Please hold the plug and pull it out

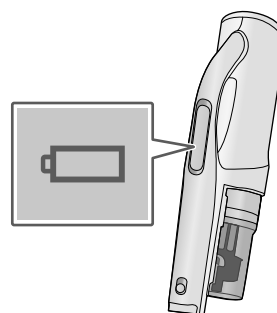
■ How to check the remaining battery power



Flashing (blue)

Charging

The temperature of the battery changes depending on the service conditions such as ambient temperature and service time. When the battery temperature is too high, it will automatically wait until the temperature is suitable for charging, and then recharge, so the charging time will be longer. (up to about 6 hours)



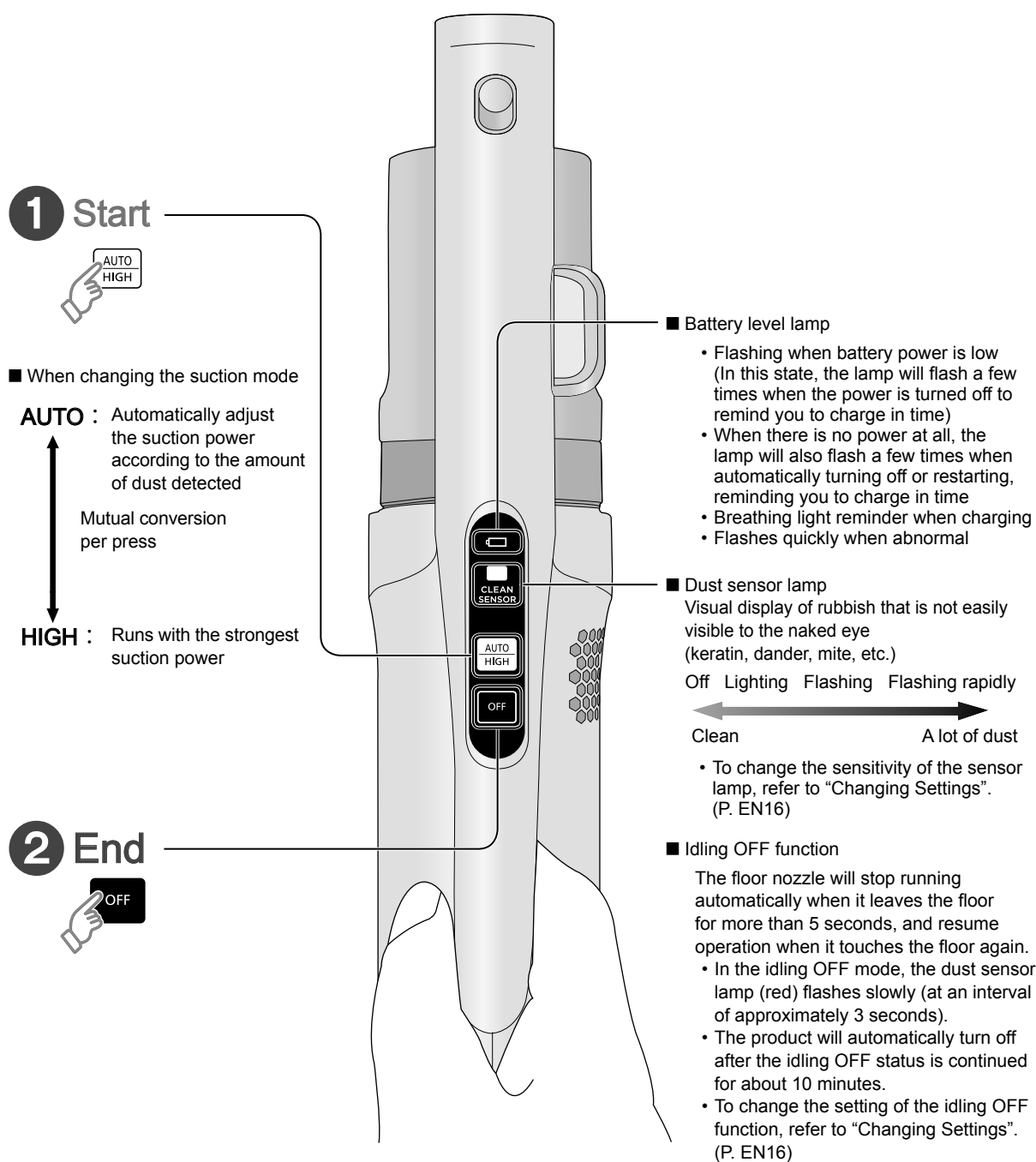
OFF

Charging completed

After the charging is completed, the lamp goes out.

- Fast flashing (at an interval of approximately 0.3 second) indicates an abnormality. For details, please refer to “Troubleshooting” (P. EN14)

Cleaning



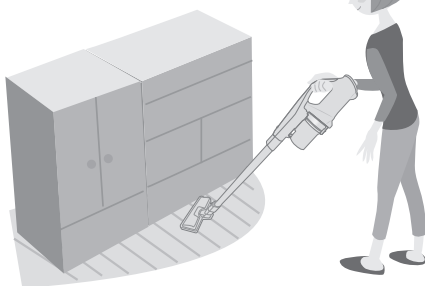
Request

- Gently move the floor nozzle during use. Do not press down hard. (So as not to damage the floor)
- To prevent scratches, do not use it to clean burnished surfaces, such as piano.

Choose a nozzle based on different usage

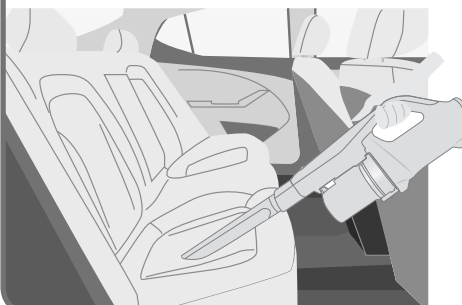
Floor, carpet, etc.

Floor nozzle



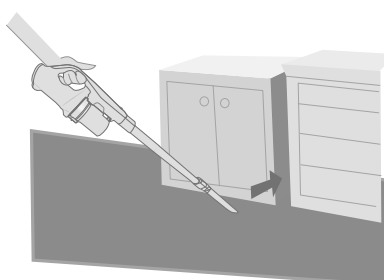
Car interior, table, shelf, sofa, etc.

Crevice nozzle



Gaps between furniture, etc.

Crevice nozzle



Slots such as windowsills and sliding doors

Crevice nozzle



Request

- Gently move the floor nozzle during use. Do not press down hard.
(So as not to damage the floor)
- Turn off the vacuum cleaner before changing the nozzle.
- To prevent scratches, do not use it to clean burnished surfaces, such as piano.

Maintenance

- Turn off the vacuum cleaner when cleaning up rubbish or during maintenance.



When the dust bin is full or the suction power is weakened, please clean up the rubbish in time and perform maintenance.

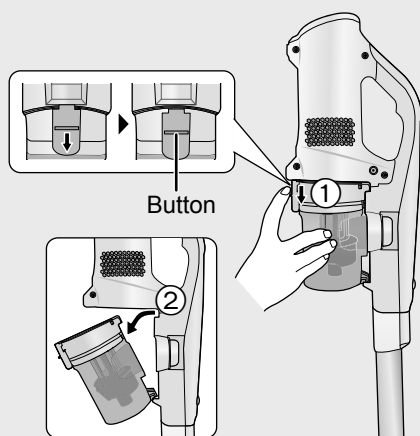
Note

- When the dust sensor lamp and the battery level lamp flash at the same time (In this case, the suction power is weakened), please timely clean up the rubbish and perform maintenance.
- In order to prevent the suction power from dropping, rubbish that easily clogs such as sand should be removed as soon as possible even if the amount is small, and the dust bin should be maintained.
- The dust bin may become full earlier on new carpets because of the presence of loose threads.

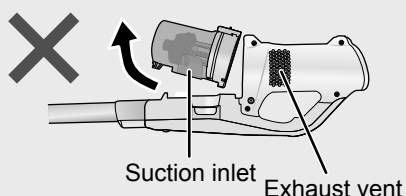
Dust bin

1 Remove the dust bin

Press the dust bin release button to remove the dust bin (as shown)

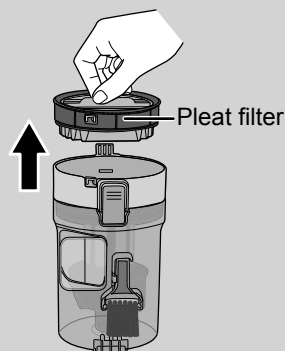


- When opening the dust bin, please do not place it as shown in the figure, so as to prevent the garbage from leaking when the suction inlet faces downward.

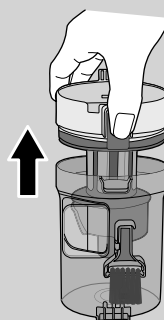


2 Clean up the rubbish

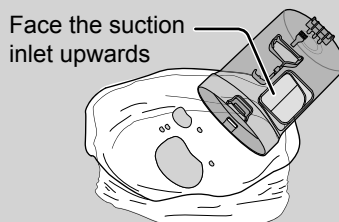
- 1 Hold the handle to remove the pleat filter



- 2 Press and hold the button to remove the mesh filter



- 3 Clean up the rubbish



Timely: When suction is weakened

Regularly: approximately once a month

Recommendation

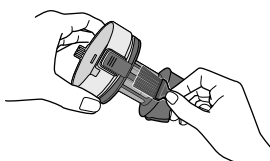
- It is advised to remove the rubbish immediately after each vacuuming and perform **detailed maintenance**. Not only will this prevent rubbish from producing odors, but also prevent the dust in the dust bin from adhering to subtle and easily-blocking rubbish (e.g., dust, dust from cotton quilts, etc.), resulting in weakened suction power.

Request

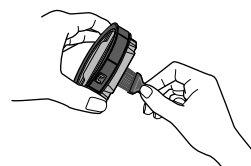
- Please do not use substances such as detergent, bleach, gasoline, thinner, or alcohol (To avoid cracks and colour change)
- Please dry the dust bin completely for about 24 hours immediately after washing (To avoid odor or clogging)
- Please do not use blow dryer or similar device to dry it (To avoid malfunction)

Detailed maintenance

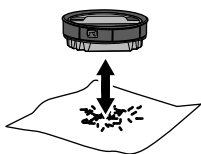
Mesh filter



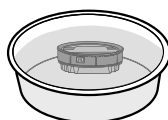
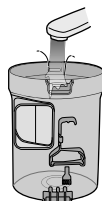
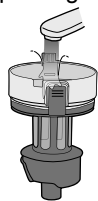
Pleat filter



Tap lightly to shake off the dust



You may wash the vacuum cleaner when it becomes dirty after prolonged use



Soak in water (about 30 minutes)

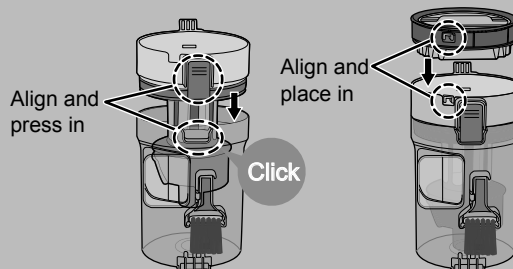


- After washing, please fully dry it and reinstall it

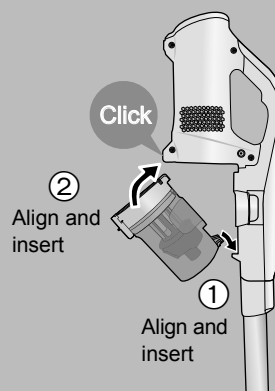
3

Reinstall it

1 Reinstall the mesh filter and pleat filter



2 Reinstall the body



- The dust bin will not be able to suck in garbage if it is not installed in place.

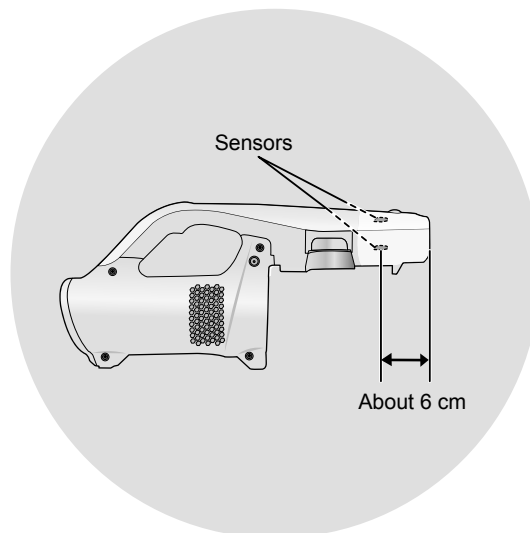
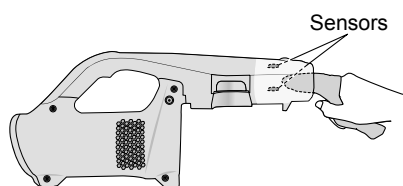
Usage•Maintenance

Maintenance

Sensors

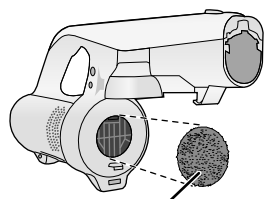
■ If the dust sensor lamp is abnormal (P. EN15), rubbish or dust may adhere to the sensor part (2 places) inside the body. Please perform maintenance.

- Use a soft, dry cloth to wipe the attached rubbish, dust, etc. from the front end



Pre filter

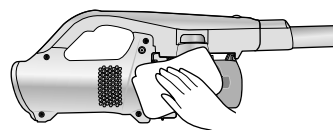
- Tap lightly to remove rubbish, dust, etc., or gently wash and dry thoroughly.



- Do not miss the pre filter after cleaning

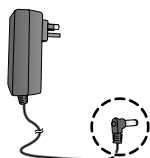
Body, extension wand etc.

- Wipe up dirt, dust, etc. with a wrung soft and damp cloth.

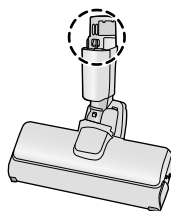


Terminal

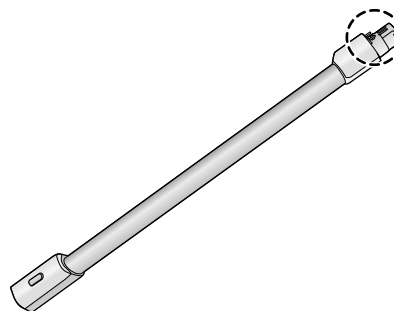
- Remove rubbish from the plug with a dry cloth



Plug of the battery charger



Terminal of the floor nozzle



Terminal of the extension wand

Timely: When suction is weakened

Regularly: approximately once a month

CAUTION

- When maintaining the nozzle, always close the vacuum cleaner and remove the nozzle. (To avoid injury)

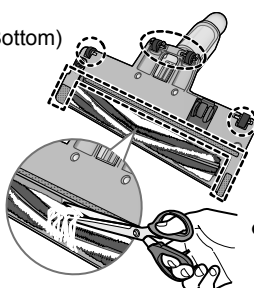
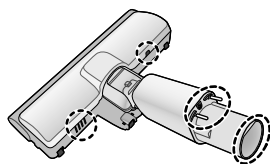
Request

- When washed with water...
 - Remove any water and dry completely (To avoid causing strong odours or clogs)
 - Please do not use blow dryer or similar device to dry it (To avoid deformation and malfunction)
- Please do not use substances such as detergent, bleach, thinner or alcohol (To avoid cracks and colour change)

Floor nozzle

■ Remove rubbish from areas

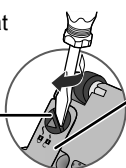
(Bottom)



- Cut with scissors along the gaps between the brushes to remove tangled rubbish

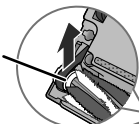
■ When you want to wash the rotating brush with water

- ① Rotate the brush cover so that "▲" may arrive at "1"

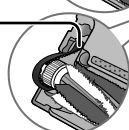


- ② Hold and remove the brush cover

- ③ Lifting the rotating brush

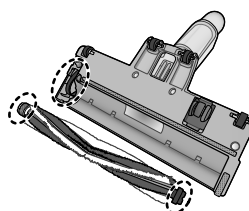


- ④ Take off the belt



- ⑤ Pull out

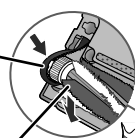
- ⑥ Remove rubbish from areas. Wash the rotating brush with water
- After washing, please fully dry



Rotating brush only

■ Reinstall

- ① Put on the belt



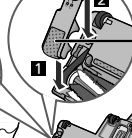
- ③ Press the brush down



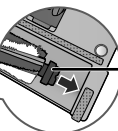
- ⑤ Make "▲" arrive at "1"



- ④ Clamp the hole in the brush cover into the claw



- ② Install



Troubleshooting

Check the following before requesting repairs.

	When this happens	Inspection and handling
Charging	There is no breathing light for battery level lamp	Are both ends of the AC adapter plugged in?
	The battery level lamp does not go out	If the battery level lamp does not go out after charging for more than 12 hours, it may be that the vacuum cleaner has failed or the battery life is up. →Please consult with the original dealer.
	The battery level lamp flashes quickly	Unplug and wait for 10 minutes before plugging in again. If it still flashes quickly →Contact your original dealer.
	Operation time has reduced greatly after charging	- Are you charging where the temperature is too high or too low? →Recharge in a room where the temperature is between 5 °C and 35 °C - If the product is charged immediately after it is used in a high temperature environment such as in the summer, charging may be suspended due to excessively high battery temperature and the product may standby for cooling. →The battery will automatically charge after it cools. Please charge it until the battery level lamp goes out - Does the battery reach the end of its life? →Please contact the original dealer for purchase and replacement of the battery
Operation - Suction power	The vacuum cleaner does not run	Is the battery exhausted? →Please charge it
	No operation is performed but the suction power is weakened or the operation is terminated	- Is it at idling OFF? (P. EN8) - Has the protection function to prevent the motor or battery from overheating started? →① Close the vacuum cleaner and stop the operation ② Wait for 5 to 30 minutes (for motor or battery to cool, and release the protection function) ③ Please check the reason for the start of the protection function (P. EN4) - Is the dust bin full of rubbish? →Remove the rubbish and perform maintenance (P. EN10 ~ EN11) - Are the suction inlet, nozzle, etc. blocked? →Please remove the blockage - Is the rotating brush of the floor nozzle wound by foreign objects? →Please remove foreign objects (P. EN13)
	The rotating brush of the floor nozzle does not rotate	- For safety, when the floor nozzle is lifted up, the rotating brush will be stopped. - Is the rotating brush wrapped around debris, ropes, etc.? Is it blocked? (P. EN13) - Sweeping objects with long hair or different kinds of carpets, or pressing the nozzles with force may cause the rotating part to rotate slow or not to rotate. - After the suction nozzle is lifted, if it rapidly hits and falls onto the ground, the rotating brush may not rotate. →Slowly lower the nozzle; do not hit it quickly - If the floor nozzle is removed and reinstalled during operation, the rotating brush will not rotate. →Install the nozzle after stopping the operation
	The suction power is weak even in the "HIGH" mode	- Switch off the vacuum cleaner and run it again. - Are the extension wand, nozzle, etc. blocked? - Are the dust bin blocked? →Remove the rubbish and perform maintenance (P. EN10 ~ EN11) - Is the dust bin installed correctly? (P. EN10 ~ EN11) - Is the protection function activated (P. EN4)? - When the idling OFF function is disabled, the product is running at [AUTO] or [HIGH] mode. When the floor nozzle is kept away from the floor, the suction power will become weaker to lower power consumption.(P. EN16)
	The suction power becomes weak during operation	

When this happens		Inspection and handling
Operation- Suction power	The idling OFF function is disabled	● Is the idling OFF function disabled? (P. EN8, EN16) ● Is there any dirt or dust on the sensor? →Perform maintenance (P. EN12)
Smells	The exhaust smells of rubbish	● Has the vacuum cleaner not been cleaned after inhaling smelly rubbish? →If you care about the odor during the re-operation, please remove the rubbish and perform maintenance (P. EN10 ~ EN11)
Sounds	A click sound is heard when shaking the nozzle	● Is the dust bin installed correctly? (P. EN10 ~ EN11)
	During vacuuming, the operating sound changes	● In the automatic mode, the vacuum cleaner automatically adjusts the suction power according to the amount of the rubbish and causes the operating sound to fluctuate. It is not abnormal. ● Are the extension wand, nozzle, dust bin, pre filter blocked? →Perform maintenance (P. EN10 ~ EN13)
	At startup, the body may emit a "beep" sound (the vacuum cleaner cannot run at this time)	● Please run again.
Dust sensor lamp	The dust sensor lamp flashes slowly (approximately flash once every 3 seconds)	● Is it at idling OFF? In the idling OFF mode, the dust sensor lamp flashes slowly. (P. EN8)
	Lamps light even though no dust has been sucked (lamps do not go off)	● Is there dust on the dust sensor lamp? →Wipe the rubbish, dust, etc. attached to the sensor with a soft, dry cloth (P. EN12)
	Lamps don't light even though dust has been sucked	
Dust sensor lamp	Lamps don't seem to go off	● In the following cases, the dust sensor lamp may stay lit and will not go out. It is not abnormal. • When vacuuming a carpet, etc. (because of the loose fuzz of it) • When vacuuming bedding such as quilts, blankets, etc. (There may be much keratin, dander, mite, etc.) →After vacuuming, debris such as loose fuzz, keratin, dander, mite, etc. will gradually decrease, and the lamp will slowly extinguish You can also set the sensitivity of the sensor to [Easy]
Others	Dust sensor lamp, battery level lamp flashing at the same time	● If the lamps are turned on at the same time, the temperature is abnormal. →Wait 5 to 30 minutes ● When they flash at the same time, the dust bin, nozzle, and extension wand may be blocked. →Remove obstructions (P. EN10 ~ EN13)
If there is still a problem after checking		● Do not repair yourself, and please take this product (body, extension wand, floor nozzle, battery charger etc.), together with product warranty registration card to the original purchase store. ※ Please consult with the original dealer.

Change Settings

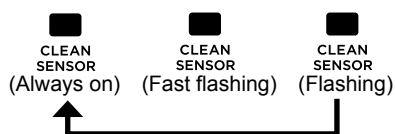
■ When changing the sensitivity setting of the dust sensor lamp

- 1 Press and hold **OFF**, then press **AUTO HIGH**. Then release **OFF** and keep pressing **AUTO HIGH** for more than 5 seconds

(The following indicates the current setting status)

Status of the dust sensor lamp	Sensor sensitivity
 Always on	Ordinary Normally used during cleaning (preset when purchased)
 Fast flashing (2 to 3 times in 1 second)	Meticulous Use during careful cleaning • It will increase the sensitivity, allowing the sensitive detection of tiny garbage. The dust sensor lamp flashes fast.
 Flash (about 1 every 2 seconds)	Easy When you are tired of the lighting up of the dust sensor lamp • Reduce sensitivity and suppress flashing

- 2 Press **AUTO HIGH** to select the sensitivity according to your preference



- 3 Press **OFF** (to complete the setting), and  will be (off)
 - The current settings can be memorized until the next setting change.

■ When changing the setting of the idling OFF function

Disable the idling OFF function

- 1 When the [AUTO] mode is enabled, the floor nozzle leaves the floor
 - After about 5 seconds, the operation stops and the dust sensor lamp (red) flashes slowly.
- 2 Press **AUTO HIGH** (more than 2 seconds)

(The dust sensor lamp (red) goes out, the product starts to operate again, and the setting is completed)

 - When this product is running, even if the idling OFF function is disabled, the suction power will become weaker to lower the power consumption when the floor nozzle is kept away from the floor.
 - The current settings can be memorized until the next setting change.

Enable the idling OFF function

- 1 When the [AUTO] mode is enabled, the floor nozzle leaves the floor
- 2 Press **AUTO HIGH** (more than 2 seconds)

(This product stops running, the dust sensor lamp (red) flashes slowly, and the setting is completed)

 - The current settings can be memorized until the next setting change.

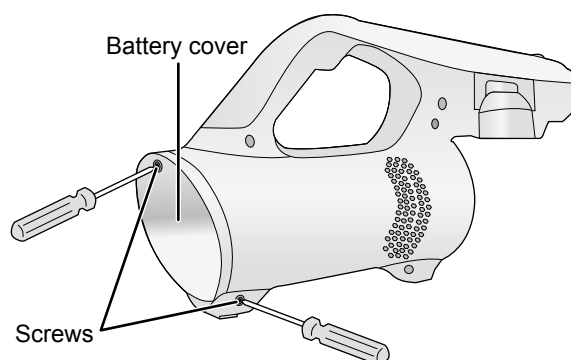
Disposal of the product

- The rechargeable battery in this product is a consumable product. When the service time is still significantly shorter even after correct charging, the battery life may reach the end of its service life. If you need to buy or replace the battery, please consult the original dealer.
- Take out the battery before disposal and take it to the official designated recycle bin. Do not stack it with general domestic waste to avoid polluting the environment.

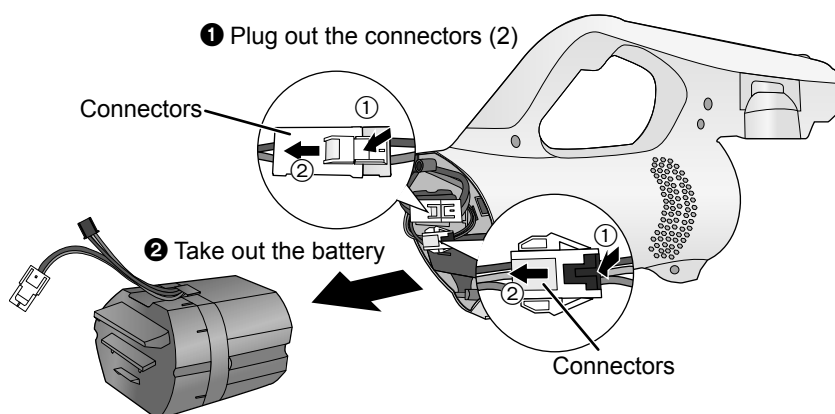
Request

- The illustrations below are for reference only when disposing of this product, not for repair. Unauthorized disassembly and repair may cause short-circuit of the rechargeable battery.
- Turn OFF of the product before removing the battery. (Run the vacuum cleaner until it stops automatically if the rechargeable battery still has power)

- 1** Unscrew the 2 screws as shown and open the battery compartment cover



- 2** Plug out the 2 connectors as shown and take out the battery



Specifications

Specifications		
Model No.	MC-SB30J	
Dust capacity	0.3 L	
Noise	HIGH : 80 dB (A)	
Dimensions (Depth×Width×Height)	387 mm×93 mm×182 mm (Body)	
Weight	1.1 kg (Body)	1.6 kg (Extension wand and Floor nozzle)
Rated input power	275 W	
Continuous operating time (20 °C/fully charged, initial capacity of battery)	AUTO	10 minutes ~ 20 minutes
	HIGH	6 minutes
Rechargeable battery	Rechargeable battery	Rechargeable lithium-ion battery (5)
	Battery parameters	18 V $\equiv$ 1650 mAh
	Recharging time	about 3.5 hours
Battery charger	Model No.	AVV61V-U9H
	Input	220 V $\sim$ 50 Hz 0.27 A
	Output	20 V $\equiv$ 0.7 A
Accessories	Extension wand (1) Floor nozzle (1) Battery charger (1) Crevice nozzle (1) Cleaning brush (1)	

※ The vacuum cleaner's battery charger belongs to Class II appliances 

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AVV01Z0U9H00
S0120-0
Printed in China