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## 1. Product Release Information

**Product Name:** Acer ePower Management

**Release Number:** V3.0.3010

**Release Date:** 2008/5/9

**Customer Support:** Jones Hsu

## 2. Introduction

This document contains the release notes for ePower Management. The following sections describe the release in detail and provide late-breaking or other information that supplements the main documentation.

## 3. What's New

- 3.0.3010, May 9, 2008
  - i. Issues solved
    - Add Calibration description in help file.
  - ii. UI/Specification changes
    - None
  - iii. 3<sup>rd</sup> party library
    - None
  - iv. Known issues
    - None
  - v. Limitation list
    - 1. This version should be installed with ETF 3.0.3005 or later.
    - 2. Upgrade from previous version, like v2.0 or v2.5, is not supported.
    - 3. eAP UI only supports 96, 120 dpi
    - 4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
    - 5. In some languages (ex. SV), the license statement UI of installer is not arrange well.

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6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.

## 4. Minimum System Requirements

**System Processor:** Intel or AMD IA32 processor

**System Memory:** 512MB+

**Free Disk Space:** 50MB+

**Operating System:** Microsoft Windows Vista x86/x64

**Existing Software:** .NET Framework 2.0

## 5. Installation and Upgrade Notes

- Normal Installation
  - Double click installer program
- Normal Installation with option
  - None
- Silent Installation
  - Using the following command line to execute the installer program
  - InstallerProgramName.exe -s

## 6. Version History

- 3.0.3009, April 30, 2008
  - i. Issues solved
    1. [0198]The Remaining is show -1 when battery is bad
  - ii. UI/Specification changes
    1. Enable USB suspend when EnergyStar starts and resume it when EnergyStar exits
  - iii. 3<sup>rd</sup> party library
    - None
  - iv. Known issues
    - None
  - v. Limitation list

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1. This version should be installed with ETF 3.0.3005 or later.
  2. Upgrade from previous version, like v2.0 or v2.5, is not supported.
  3. eAP UI only supports 96, 120 dpi
  4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
  5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3008, April 23, 2008
    - i. Issues solved
      1. [0196][FI] The wording of "Power Plan" tab is cut and sleep and hibernation setting lost comma ",",
      2. [0198]The Remaining is show -1 when battery is bad
      3. Change "Unknown" to "N/A" in battery dialog
      4. Fix Intel C3 issue on DC mode
    - ii. UI/Specification changes  
None
    - iii. 3<sup>rd</sup> party library  
None
    - iv. Known issues  
None
    - v. Limitation list
      1. This version should be installed with ETF 3.0.3005 or later.
      2. Upgrade from previous version, like v2.0 or v2.5, is not supported.
      3. eAP UI only supports 96, 120 dpi
      4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
      5. In some languages (ex. SV), the license statement UI of installer is not arrange well.

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- 6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3007, April 8, 2008
  - i. Issues solved
    - 1. Add “Not charging” as one of battery status.
    - 2. Add multi-language for ETF 3.0.3005 version checking in installer
  - ii. UI/Specification changes
    - 1. Take out battery health.
  - iii. 3<sup>rd</sup> party library
    - None
  - iv. Known issues
    - None
  - v. Limitation list
    - 1. This version should be installed with ETF 3.0.3002 or later.
    - 2. Upgrade from previous version is not supported.
    - 3. eAP UI only supports 96, 120 dpi
    - 4. In some languages (ex. TC), redundant “?” in InstallShield wizard when upgrading eAP.
    - 5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
    - 6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3006, March 20, 2008
  - i. Issues solved
    - 1. [0190] Check in ePower plan should have a black circle around.
    - 2. [0193] LCD brightness is changed after changing brightness in power option and power plan in ePower.
    - 3. [0194] [NO] In NO, the sentence of quick menu is cut on DC mode.
    - 4. Add version check for ETF v3.0.3005 in installer.
  - ii. UI/Specification changes

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1. Dynamic-adjusting quick menu according to the number of power plan.
- iii. 3<sup>rd</sup> party library  
None
- iv. Known issues  
None
- v. Limitation list
  1. This version should be installed with ETF 3.0.3002 or later.
  2. Upgrade from previous version is not supported.
  3. eAP UI only supports 96, 120 dpi
  4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
  5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3005, March 11, 2008
  - i. Issues solved
    1. [0181] Energy Star is only for AC mode but isn't described in help file.
    2. [0186] [MUI][TC] Redundant wording in TC's Help->View Battery Information.
    3. [0187] Sometimes auto dimmer cannot work after upgrading ePower.
    4. [0188] ET service is stopped after cancelling uninstalling ePower.
    5. [0190] Check in ePower plan should have a black circle around.
    6. [0191] Can't adjust brightness on OS "active" power option.
    7. [0192] Can't adjust brightness on OS "non-active" power option.
  - ii. UI/Specification changes
    1. Add "Change battery" button on quick menu.

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- iii. 3<sup>rd</sup> party library  
None
- iv. Known issues  
None
- v. Limitation list
  1. This version should be installed with ETF 3.0.3002 or later.
  2. Upgrade from previous version is not supported.
  3. eAP UI only supports 96, 120 dpi
  4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
  5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3004, Feb 15, 2008
  - i. Issues solved
    1. [0180] LCD brightness is changed after playing BD on NVIDIA GFX platform.
    2. [0184] Resume from "Energy Star" within 20 seconds, and then the settings will be changed.
    3. [0185] The flicker issue that do several behaviors (S3, AC/DC change, power plan change) in the meantime.
  - ii. UI/Specification changes
    1. Take out sleep and hibernation timer settings for Auto Tune.
  - iii. 3<sup>rd</sup> party library  
None
  - iv. Known issues  
None
  - v. Limitation list
    1. This version should be installed with ETF 3.0.3002 or later.
    2. Upgrade from previous version is not supported.
    3. eAP UI only supports 96, 120 dpi

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4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
  5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3003, Jan 28, 2008
    - i. Issues solved
      1. [0178] PES v1.0 5.3 item said each eAP uninstall should pop out the Figure 4 picture. But during Uninstall ePower no prompt information.
      2. [0179] ECT, Vista SP1 Beta v658, Some settings in ePM are different from ePM spec. (FR:100%)
    - ii. UI/Specification changes
      1. Take out ATI graphic power control.
      2. Phase in new solution for S3/S4 performance issue.  
Please note that this solution will stop Enhanced timer when receiving monitor off event. This solution will also extend the Energy Star timer to 20 seconds. i.e. When monitor is off, ePower will wait 20 seconds and then do Energy Star.
      3. For NVIDIA GFX platforms and play BD/HD-DVD/TV on "Power saver", ePower will switch to "High Performance" before Auto Tune.
      4. Disable NVIDIA ADC when playing BD/HD-DVD/TV and enable ADC when stopping.
    - iii. 3<sup>rd</sup> party library  
None
    - iv. Known issues  
None
    - v. Limitation list
      1. This version should be installed with ETF 3.0.3002 or later.
      2. Upgrade from previous version is not supported.
      3. eAP UI only supports 96, 120 dpi

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4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
  5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message
- 3.0.3001, Jan 18, 2008
    - i. Issues solved
      1. [0136] [MUI][ALL] The wording of notification panel are still EN
      2. [0151] The HELP File is not have close and del
      3. [0166] Cannot restore the minimized dialog "Comfirm Hibernation" after clicking hyperlink again.
      4. [0170] "ePower\_DMC" flags show after login the 2nd administrator account
      5. [0173] The setting of "Hibernate the computer after" in EPM doesn't meet with EPM SPEC. v0.5(P.8).
      6. [0177] Unhandling exception pops up when battery details
    - ii. UI/Specification changes
      1. Phase in the solution that strong name signed library for GAC
      2. Change CPU policy to three levels for Intel CPU
        - a. Maximum (Max: 100, Min: 100)
        - b. High (Max: 100, Min: 0)
        - c. Low (Max: 0, Min: 0)
      3. Change CPU policy of Balanced AC mode to "Maximum" for Intel Celeron M
    - iii. 3<sup>rd</sup> party library  
None
    - iv. Known issues  
None
    - v. Limitation list
      1. This version should be installed with ETF 3.0.3001 or later.
      2. Upgrade from previous version is not supported.



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3. eAP UI only supports 96, 120 dpi
  4. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
  5. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  6. ePower only supports notebook platform. For desktop platform, ePower installer will close automatically and no error message.
- 3.0.3000, Jan 02, 2008
    - i. Issues solved
      1. [0143] It pops 3 "Confirm Hibernation" windows when clicking Notification Panel 3 times
      2. [0145] For 120 DPI scale, the words "High Performance" are cut.
      3. [0148] The style of each eAP's error message for Guest account is not consistent
      4. [0151] The HELP File is not have close and del
      5. [ETF 0231] eAP layout is not suitable in Custom DPI
      6. [0154] The tool-tip of the new power plan is not updated
    - ii. UI/Specification changes
      1. Change default brightness of Balanced DC mode to 50%
    - iii. 3<sup>rd</sup> party library  
None
    - iv. Known issues  
None
    - v. Limitation list
      1. This version should be used with ETF 3.0.3000 or later version.
      2. eAP UI only supports 96, 120 dpi
      3. In some languages (ex. TC), redundant "?" in InstallShield wizard when upgrading eAP.
      4. In some languages (ex. SV), the license statement UI of installer is not arrange well.
  - 3.0.2002, Dec 19, 2007
    - i. Issues solved
      1. [0109] eAP V3 does not have much improvement on

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ready time

2. [0111] ePower's Quick Menu is significantly inconsistent with other eAP's in width
  3. [0113] Cannot restore the minimized UI
  4. [0114] Confusing flow during changing settings on different power plan
  5. [0117] Need to save the settings after leaving Auto Tune mode and ePower
  6. [0118] ePower does not pops up in Window mode, still in Minimized mode after clicking Notification Panel
  7. [0121] New power plan is not full prompt in Russian
  8. [0123] [MUI] "Battery Life:" is cut in "LT" language
  9. [0124] UI of "Plugged in" is not suitable
  10. [0125] UI of "on Battery" is not suitable
  11. [0126] UI of "Acer e-Power management" is not suitable
  12. [0127] UI of "Battry 1" is not suitable
  13. [0128] UI of " Battry information" is not suitable
  14. [0129] For PT OS and 120 DPI scale, the words "New power plan" overlaps the icon.
  15. [0130] In FR, Unhandling exception pops up
  16. [0133] No title is on the warning dialog.
  17. [0134] In DE, Unhandling exception pops up when Uninstalling
  18. [0142] The character"&" is removed in the name of the Power Plan
- ii. UI/Specification changes
    1. Support 28 languages help
    2. Change the wording and action for low power notification
    3. Add solution to fix S3/S4 performance issue
  - iii. 3<sup>rd</sup> party library  
None
  - iv. Known issues  
None
  - v. Limitation list  
Should be used with ETF 3.0.2002 or later version.
- 3.0.2001, Dec 05, 2007

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- i. Issues solved
  - 1. [0069] ePM blink
  - 2. [0072] Critical error happen after adjust font size
  - 3. [0073] Major GUI of multi-Language error
  - 4. [0075] The wording "Create a power plan" is always cut.
  - 5. [0077] The letter "g" of "remaining" in battery page is cut.
  - 6. [0078] The Apply button will be enabled in power plan which is not in-use.
  - 7. [0079] The restore function only works for DC mode.
  - 8. [0082] Some wordings are not translated to Traditional Chinese.
  - 9. [0084] Unhandled exception appears when trying to create a new power plan with standard user account.
  - 10. [0085] Inconsistent behaviors when click restore button.
  - 11. [0086] Some wordings are not arranged well in IT.
  - 12. [0087] For TravelMate UI, the icons of power saver are inconsistent when cursor hover around.
  - 13. [0088] [MUI]"Battery"
  - 14. [0090] Garbage information in uninstall process
  - 15. [0093] [MUI]Main page
  - 16. [0095] [MUI]The page of "Create power plan"
  - 17. [0097] Garbage information in Install process on appearance ( same as bug #90 )
  - 18. [0098] [MUI]The battery tab on main page
- ii. UI/Specification changes
  - 1. Support 120 DPI
  - 2. Change CPU policy
  - 3. Support x64 platform
- iii. 3<sup>rd</sup> party library
  - None
- iv. Known issues
  - 1. Multilingual help files are not ready
- v. Limitation list
  - Should be used with ETF 3.0.2001 or later version.
- 3.0.2000, Nov 23, 2007
  - i. Issues solved

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1. [0038] Notification message has hyperlink.
2. [0044] ePower does not ask user to apply setting changes when close ePower.
3. [0049] The power plan switches itself randomly
4. [0051] The UI for Traditional Chinese wrong
5. [0053] Unhandled exception appears and then ePower stops working.
6. [0055] The toolbar E-power icon for new power plan name overlong the display is not impertinence
7. [0057] The "Battery-->Status" is impertinence
- ii. UI/Specification changes
  1. Support 28 languages.
  2. Change UI layout for TravelMate series
  3. Installer supports MSI.
  4. Remove "Remaining battery percentage", "Current" and "Temperature" items from "Detail" battery information dialog.
  5. Move "Remaining battery life in Standby" and "Remaining battery life in Hibernation" to battery main page.
  6. Change "Design capacity" unit to "mAh".
  7. Change "Voltage" to "Design voltage".
  8. Add calibration tips on battery main page.
  9. Change "USB selective suspend" default settings for AC mode to "Disable"
  - 10 Change "Critical battery level" default settings to 3%
- iii. 3<sup>rd</sup> party library  
None
- iv. Known issues
  1. [0016] UI is not arrange well for 120 DPI.
  2. [0045] The message of asking to save changes may confuse user.
  3. [0052] The "condition with excellent charge retention" is impertinence
  4. There are some wordings that need to be re-translated.
  5. Multilingual help files are not ready
- v. Limitation list

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This version should be used with ETF 3.0.2000 or later version.

- 3.0.1001, Nov 09, 2007
  - i. Issues solved
    - 1. [0013] ePower main UI will flicker when switch power plan
    - 2. [0033] The power plan name overlaps the icon if the name is particular.
    - 3. [0034] Help file will jump from position A to position B as clicking ? icon
    - 4. [0035] Wlan dl doesn't be signed.
    - 5. [0036] Power plan doesn't change correctly after switching user account and adapter.
  - ii. UI/Specification changes
    - 1. Allow users to change power settings even this power plan is not active and add save button
    - 2. Logic check for monitor, HD, standby, hibernation timers  
Multilanguage support
    - 3. Add create power plan button in power plan area if users does not create power plan before
    - 4. Support three languages (EN, TC, SC)
    - 5. Different icon order on ETF toolbar for TravelMate and Aspire series.
  - iii. 3<sup>rd</sup> party library  
None
  - iv. Known issues
    - 1. [0016] UI is not arrange well for 120 DPI.
    - 2. [0038] Notification message has hyperlink.
    - 3. Need to add suggestion for calibration on battery page.
  - v. Limitation list  
None
- 3.0.1000, Oct 25, 2007
  - i. Issues solved
    - 1. [0002] ePower UI flick 2 ~ 3 times when launching
    - 2. [0018] Logon domain guest account, ePower does not pop up dialog to tell user that ePower does not support guest account.

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3. [0019] No ePower icon and sub icon in "ePower->Low battery Notification Panel"
4. [0020] Suggest changing wording of "Battery: Battery Fully Charged" as "Battery: Fully Charged".
5. [0022] The sentence of condition description should have a period and "have" should change to "has".
6. [0023] Low power notification overlaps the one generated by system default.
7. [0025] The word "hibernation" in notification should be a verb "hibernate".
8. [0026] Quickly click ePower icon on Portal and the help icon in ePower is cut.
9. [0028] Default position of ePower is not fixed
- ii. UI/Specification changes  
None
- iii. 3<sup>rd</sup> party library  
None
- iv. Known issues
  1. [0013] ePower main UI will flicker when switch power plan
  2. [0016] UI is not arranged well for 120 DPI.
  3. Algorithm for battery health indication is not finalized.
- v. Limitation list  
None
- 3.0.0001, Oct 15, 2007
  - i. Issues solved
    1. [0001] "ePower\_DMC" flag shows after rebooting
    2. [0004] LCD brightness can't restore to default without applying.
    3. [0006] Abnormal condition sometimes happens after creating many power plans
    4. [0010] The drop down arrow of user power plan should not display when there has no user's power plan
    5. [0011] Do not display the battery 2 item if it does not exist
    6. [0012] The auto tune function is not applied after plug in adaptor when playing DVD with PowerDVD.

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- 7. [0017] The power plan name overlaps the icon if the name is long.
- ii. UI/Specification changes  
None
- iii. 3<sup>rd</sup> party library  
None
- iv. Known issues
  - 1. [0002] ePower UI flick 2 ~ 3 times when launching
  - 2. [0013] ePower main UI will flicker when switch power plan
  - 3. [0016] UI is not arrange well for 120 DPI.
  - 4. Cannot identify domain guest account.
  - 5. Algorithm for battery health indication is not finalized.
- v. Limitation list  
None
- 3.0.0000, Sep 29, 2007
  - i. Issues solved  
None
  - ii. UI/Specification changes  
None
  - iii. 3<sup>rd</sup> party library  
None
  - iv. Known issues
    - 1. Not use ETF's log function yet.
    - 2. Algorithm for battery health indication is not finalized.
  - v. Limitation list  
None