

Battery Instructions

Steps to maximize the life of your battery

There are actions you can take to make your battery last longer during each charge cycle and live longer over many cycles. We always recommends following the instructions for charging and storage that came with the battery or notebook. On this page we offer additional suggestions to help you get the most from your portable power supply.

Manage battery power more effectively in Windows

Make sure your battery gives the power you need, when you need it. Power Options in Windows XP allow you to control the power management features of your notebook PC.

Learn more about the Power Options in Windows by visiting Microsoft's support site:

» [Microsoft: Power Management in Windows XP](#)

Tips for conserving battery power on notebook PCs

You can manually change the power consumption of your notebook PC and conserve battery power.

- **Reduce the brightness of the screen** to the minimum readable level. Use the Fn and F7 or F8 keys to adjust the brightness.
- **Remove peripherals** when not in use. External hard drives, CD-ROMs, Zip drives, PC cards, and other peripheral devices can draw power from your battery even when they are not in active use. Disconnect them when you have finished using them.
- **Reduce the speed of your processor.** The faster your computer works, the more quickly it uses up the supply of power. By cutting down on processor speed, you can extend the charge of your battery. Methods to reduce processor speed vary from model to model, and your manual should provide instructions for doing so.
- **Turn off the Wireless On-Off button** when it is not in use. If your notebook has one, press the Wireless On-Off button so that the light

turns off.

Battery care practices

Battery cells suffer gradual, irreversible capacity loss over time. Such aging occurs more rapidly as temperature and discharge loads increase. Here are some suggested ways to minimize the capacity loss for your battery.

- **Store Li-Ion batteries between 20° C and 25° C (68° F and 77° F)** with 30% to 50% charge.
- **Do not leave batteries exposed to high temperatures** for extended periods. Prolonged exposure to heat (for example, inside a hot car) will accelerate the deterioration of Li-Ion cells.
- **Remove the battery** if the notebook will be stored (turned off and not plugged into AC power) for more than 2 weeks.
- **Remove the battery** if the notebook will be plugged into AC power continuously (via a wall adapter or docking station) for more than 2 weeks.

Calibrate the notebook PC battery

Short discharges and recharges do not fully synchronize the battery's fuel gauge with the battery's state-of-charge. This can result in the amount of power available in one cycle being less than expected or the battery meter being inaccurate.

Under normal usage, batteries should be calibrated a minimum of once every 3 months. Your battery can be calibrated by following these steps:

Step 1 – Disable the Windows Power Management

1. In Windows, right-click the Desktop and select **Properties** in the menu list.
2. Click the **Screen Saver** tab and then click the **Power** button.
3. Under Power schemes, select **Always On** in the drop down menu.
4. Under Settings for Always On power scheme, select **Never** in each of the drop down menus.
5. Click **OK** on the Power Options Properties window and then click **OK** on the Display Properties window.

Step 2 – Fully charge the battery

1. Connect the AC adapter to the notebook.
2. Charge the battery until the Windows battery meter is at 100%.

Step 3 – Fully discharge the battery

1. Remove the AC adapter.
2. Keep the notebook on until the battery has completely drained and the notebook automatically turns off.
3. Connect the AC adapter to the notebook.
4. Keep the AC adapter connected to the notebook until the battery has completely charged.

Step 4 – Enable the Windows Power Management

1. In Windows, right-click the Desktop and select **Properties** in the menu list.
2. Click the **Screen Saver** tab and then click the **Power** button.
3. Under Power schemes, select **Portable/Laptop** in the drop down menu.
4. Click **OK** on the Power Options Properties window and then click **OK** on the Display Properties window.

Note: After completing the steps above, your notebook PC battery will be calibrated.

High quality, good price, free shipping.

Worldwide: Batteryready.com

US: Toplaptopbattery.us