

IF A USER CLICKS THE "ABOUT IPHONE BATTERIES" LINK FROM WWW.APPLE.COM?BATTERIES IT RE-DIRECTS TO THIS PAGE. AGAIN, NOTHING ABOUT BATTERY REPLACEMENT PROGRAM OR COSTS

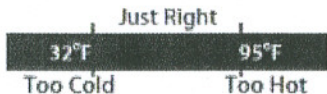
iPhone

Paying attention to just a few common sense pointers will pay off with a longer battery lifespan and battery life for your iPhone. The most important thing is to keep your iPhone out of the sun or a hot car (even the glove box). Heat will degrade your battery's performance the most.

Some Terms You Need to Understand

"Battery life" means the time your iPhone will run before it must be recharged (also called "talk time" or "playtime").

"Battery lifespan" means the total amount of time your battery will last before it must be replaced.



Just Right

32°F 95°F

Too Cold Too Hot

iPhone Temperate Zone. Your iPhone works best from 32° to 95° F. You should store it in environments of -4° to 113° F. That's 0° to 35° C and -20° to 45° C for the metrically inclined. Keeping your iPhone as near room temperature as possible (72° F or 22° C) is ideal.

Update to the Latest Software

Always make sure iPhone has the latest software from Apple, as engineers may find new ways to optimize battery performance. Using iTunes 7.3 or later, you can update your iPhone with the latest software. Connect your iPhone to your computer, then select iPhone in the Source pane. In the Summary tab, you can click "Check for Update" to see if there's a new version of the iPhone software available. Click Update to install the latest version.



Use iPhone Regularly

For proper maintenance of a lithium-based battery, it's important to keep the electrons in it moving occasionally. Be sure to go through at least one charge cycle per month.

Extend Your Battery Life

If you want to extend the battery life of your iPhone for any given charge cycle, you may conserve power by following these tips.



Lock Your iPhone

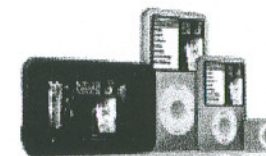
It may seem obvious, but you should lock your iPhone when you aren't using it. You will still be able to receive calls and text messages while it is locked, but nothing happens if you touch the screen. To lock iPhone, press the Sleep/Wake button.

Lithium-ion Batteries



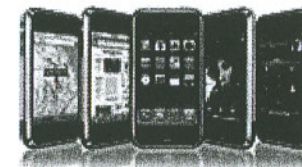
About Notebook Batteries

Learn how to maximize the lifespan and battery life of your Apple notebook.



About iPod Batteries

Learn how to maximize the lifespan and battery life of your iPod touch, iPod nano, iPod classic, or iPod shuffle.



About iPhone Batteries

Learn how to maximize the lifespan and battery life of your iPhone.

Maximum Battery Life

iPhone offers up to 8 hours of talk time, (1) 6 hours of Internet video playback, (3) or 24 hours of audio playback on a full charge at original capacity. In addition, iPhone features up to 48 hours of standby time. (5)

Optimize Your Settings

A few features use your iPhone battery more quickly. If you adjust these feature settings, your battery life will be improved.

- **Wi-Fi:** Wi-Fi consumes power even if you are not using its features to connect to a network. You can turn it off to save power. Go to Settings > General > Network > Wi-Fi.
- **Bluetooth:** Likewise, you can turn off Bluetooth to maximize battery life, as it also consumes power when not in use. Go to Settings > General > Bluetooth.
- **Auto-Brightness:** Turning on Auto-Brightness allows the brightness to adjust based on current lighting conditions. Go to Settings > Brightness.
- **Equalizer:** Adding EQs to playback uses more of your processor, since they aren't encoded in the song. Turn EQ off if you don't use it. If, however, you've added EQ to tracks in iTunes, you'll need to set EQ to "flat" in order to have the effect of "off," because iPhone keeps your iTunes settings intact. Go to Settings > iPod > EQ.

1. **Talk Time:** Testing conducted by Apple in May and June 2007 using preproduction iPhone units and software. All talk time testing was done connected to a 1900MHz network. All settings were default except: Call Forwarding was turned on; the Wi-Fi feature Ask to Join Networks was turned off. Battery life depends on the cellular network, location, signal strength, feature configuration, usage, and many other factors. Battery tests are conducted using specific iPhone units; actual results may vary.
2. **Internet over Wi-Fi:** Testing conducted by Apple in May and June 2007 using preproduction iPhone units and software. Internet over Wi-Fi testing conducted using a closed network and dedicated web and mail server, simulating browsing to 20 popular URLs and checking mail once an hour. All settings were default except: Call Forwarding was turned on; the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off; WPA2 encryption was enabled. Battery life depends on the cellular network, location, signal strength, Wi-Fi connectivity, feature configuration, usage, and many other factors. Battery tests are conducted using specific iPhone units; actual results may vary.
Internet over EDGE: Testing conducted by Apple in May and June 2007 using preproduction iPhone units and software. Internet over EDGE testing conducted over a 1900MHz EDGE, using a dedicated web and mail server, simulating browsing to 20 popular URLs and checking mail once an hour. All settings were default except: Call Forwarding was turned on; the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off. Battery life depends on the cellular network, location, signal strength, EDGE connectivity, feature configuration, usage, and many other factors. Battery tests are conducted using specific iPhone units; actual results may vary.
3. **Video Playback:** Testing conducted by Apple in May and June 2007 using preproduction iPhone units and software. Video content was a repeated 2 hour 23 minute movie purchased from the iTunes Store. All settings were default except: Call Forwarding was turned on; the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off. Battery life depends on the cellular network, location, signal strength, feature configuration, usage, and many other factors. Battery tests are conducted using specific iPhone units; actual results may vary.
4. **Audio Playback:** Testing conducted by Apple in May and June 2007 using preproduction iPhone units and software. The playlist consisted of 358 unique audio tracks, a combination of content imported from CDs using iTunes (128-Kbps AAC encoding) and content purchased from the iTunes Store (128-Kbps AAC encoding). All settings were default except: Call Forwarding was turned on; the Wi-Fi feature Ask to

Charge Cycles

A properly maintained iPhone battery is designed to retain of its original capacity at 400 full charge and discharge cycles. You may choose to replace your battery when it no longer holds a charge to meet your needs.

Let It Breathe

Charging your iPhone while in certain carrying cases may cause excess heat, which can affect battery capacity. If your iPhone gets hot when you charge it, take it out of its case.